

INDEX TO VOLUME 36

AUTHORS INDEX*

A

- ABELL, LIESE LEWIS. (*See* Bevans, Kendall, and Abell) (Proc.), 473
ABRAMSON, D. I. (*See* Shumacker, Abramson, and Lampert), 301*
ADELMAN, M. H. Anesthesia in surgery of the patent ductus arteriosus, 316*
ALFREDSON, B. V. (*See* Mullick, Alfredson, and Reineke), 785*
ALLEN, C. R. (*See* Steitzman, Murphy, Allen, and Meek), 311*
ALLEN, E. V. (*See* Brown, Allen, and Craig), 793*
ALSTAD, K. S. Effect of thiocyanate on basal blood pressure, 791*
ALTSHUL, RUDOLF. New experiments in arteriosclerosis (Proc.), 480
ALTSCHULE, M. D., AND TILLOTSON, K. J. Mechanisms underlying pulmonary and cardiac complications of electrically induced convulsions, 788*
—. (*See* Blumgart and Altschule), 795*
ALVAREZ, G. H. (*See* Padilla, Cossio, Berreta, and Alvarez), 946*
ALZAMORA CASTRO, V. Contribution to the study of S-T changes, angina pectoris, and subendocardic infarctions, 636*
AMROMIN, GEORGE D. (*See* Schlichter, Amromin, and Solway) (Proc.), 479
AMSTERDAM, S. D. (*See* Maliner and Amsterdam), 157*
ARTSIS, N. (*See* Myers and Artsis), 295
ASH, RACHEL. The first ten years of rheumatic infection in childhood, 89
ASHMAN, RICHARD. (*See* Hyman, Failey, and Ashman), 906
AUSCHER, C. (*See* Franck, Grandpierre, Lemaire, and Auscher), 150*

B

- BAILLIART, J. (*See* Duguet, Dumont, and Bailiart), 313*
BAKER, J. (*See* Wilens, Elster, and Baker) (Proc.), 478
BAKST, HYMAN, KISSIN, MILTON, LEIBOWITZ, SIDNEY, AND RINZLER, SEYMOUR. The effect of intravenous aminophylline on the capacity for effort without pain in patients with angina of effort, 527
BALDWIN, J. (*See* Cournand, Motley, Himmelstein, Dresdale, and Baldwin), 151*
BARBEN, H. P. (*See* Steinman, Ludi, and Barben), 787*

- BARNES, ARLEE R. (*See* Burchell, Pruitt, and Barnes), 373
—. (*See* Flasher, Essex, and Barnes), 882
BATTERMAN, ROBERT C., AND GUTNER, LEONARD B. Hitherto undescribed neurological manifestations of digitalis toxicity, 582
BEAUMONT, G. E., AND HEARN, J. B. A case of reversible papilloedema due to heart failure, 454*
BECK, C. S., PRITCHARD, W. H., AND FEIL, H. S. Ventricular fibrillation of long duration abolished by electric shock, 156*
BECK, DOROTHY FAHS. (*See* Wright, Marple, and Beck), 801
BENN, J. The prognosis of patent ductus arteriosus, 631*
BENO, T. J. (*See* Miale, Millard, Beno, and Custer), 438
BERGMAN, H. C. (*See* Prinzmetal, Corday, Spritzler, and Bergman) (Proc.), 476
—. (*See* Prinzmetal, Ornitz, Simkin, and Bergman), 784*
—. (*See* Prinzmetal, Simkin, Bergman, and Kruger), 790*
BERRETA, J. A. (*See* Padilla, Cossio, Berreta, and Alvarez), 946*
BEVANS, MARGARET, KENDALL, FORREST E., AND ABELL, LIESE LEWIS. Development of atheromatous plaques following production of intimal atherosclerosis by intravenous injection of colloidal cholesterol into rabbits (Proc.), 473
BINET, L., AND BURSTEIN, M. The reaction of the peripheral vascular system of the dog to stimulation of the central end of the vagus nerve, 946*
BINFORD, C. H. (*See* Spicknall and Binford), 452*
BIORCK, G. Ergotamine and apparent coronary insufficiency, 629*
—. GOHLE, O., AND WESTMAN, C. Partial A-V block and duodenal ulcer, 948*
—. (*See* Nylin and Biorck), 150*
BIRCHALL, ROBERT. (*See* Taylor, Birchall, Corcoran, and Page), 221
BLACKFORD, L. M. Calcification of the myocardium, 302*
BLAIN, ALEXANDER, III, CAMPBELL, KENNETH N., AND HARRIS, BRADLEY M. Sympathectomy for arteriosclerosis obliterans rationale and results (Proc.), 477
BLECHA, ELMIRA. (*See* Wilkinson, Jr., Blecha, and Reiner) (Proc.), 472

An asterisk () after a page number indicates the reference is an abstract and not an original article.

- BLOCH, KONRAD. Some aspects of the intermediary metabolism of cholesterol (Proc.), 471
- BLUMGART, H. L., AND ALTSCHULE, M. D. Clinical significance of cardiac and respiratory adjustments in chronic anemia, 795*
- , FREEDBERG, A. S., ZOLL, P. M., LEWIS, H. D., AND WESSLER, S. The effect of Dicumarol on the heart in experimental acute coronary occlusion, 13
- BODNAR, ST. R. (See Guest, Murphy, Bodnar, Ware, and Seegers), 152*
- BOGER, W. P., MILLER, A. K., TILLSON, E. K., AND SHANER, G. A. Caronamide: plasma concentrations, urinary recoveries, and dosage, 955*
- BORISON, H. L. (See Wang and Borison), 460*, 461*
- BOYLE, M. N. (See Wegria and Boyle), 793*
- BRANNAN, D. D. (See Nichol and Brannan), 634*
- BRANNON, E. S. Hemiplegia following carotid sinus stimulation, 299
- . (See Warren, Brannon, Weens, and Stead, Jr.), 455*
- BRAUN, K. (See Rachmilewitz and Braun), 284
- BREGANTE, L. J. The augmentation of the effects of vagal stimulation upon the auricular muscle of the turtle by veratrine and sulfocyanate, 945*
- BRODEN, B., HANSON, H. E., AND KARNELL, J. Thoracic aortography, 948*
- BROWN, H. S., ALLEN, E. V., AND CRAIG, W. McK. The effect of tetraethylammonium chloride on blood pressure before and after sympathectomy for hypertension, 793*
- BROWN, WILSON G. (See Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox), 334
- . (See Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Cont'd), 481
- . (See Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Concl'd), 683
- BURCH, G., AND RAY, T. Cardiovascular system as the effector organ in psychosomatic phenomena, 943*
- BURCHELL, HOWARD B., PRUITT, RAYMOND D., AND BARNES, ARLINE R. The stress and the electrocardiogram in the induced hypoxemia test for coronary insufficiency, 373
- . (See Montgomery, Jr., Wood, Burchell, Dry, Parker, and Helmholtz, Jr.), 668
- BURGE, JULIUS C., JR. (See Levine and Burge, Jr.), 431
- BURSTEIN, M. (See Binet and Burstein), 946*
- BUTTERWORTH, J. SCOTT, AND POINDEXTER, CHARLES A. A multiple channel electronic stethoscope for teaching and demonstration, 112
- C
- CABRERA, E., AND SODI-PALLARES, D. Discussion of the circus movement; proof of its occurrence in the clinical auricular flutter, 635
- CAMPBELL, KENNETH N. (See Blain, III Campbell, and Harris) (Proc.), 477
- CANTONNET, P., AND MILOVANOVICH, J. B. Two- and three-dimensional electrovectrography, 150*
- CARTER, F. B. (See Ross, Lambeth, Thomas, and Carter), 795*
- CASSELS, D. E. (See Morse, Cassels, and Schlutz), 634*
- CECIL, RICHARD C., PARKER, CARL P., JR., AND PORTER, WILLIAM B. Bacterial endocarditis, 934
- CHANAY, ALBERT L. (See Morrison, Chaney, Langmade, and Johnson) (Proc.), 474
- CHARDON, G., GROSS, A., AND FOURRIER, A. On the cause of cardiac acceleration during anoxia, 946*
- CHARLIER, R., AND PHILIPPOT, E. Heart and carotid sinus. II. Endo-sinus hypotension and right ventricular pressure. III. Endo-sinus hypotension and cardiac dynamics in the sympathectomized and in the completely denervated heart of dogs, 946*
- . The role of the carotid sinus and the cardioaortic region in reflex regulation of cardiac output, 949*
- CHIEFFI, MARGARET. (See Kountz, Chieffi, and Kirk) (Proc.), 475
- CISNEROS, F. (See Wiburne, Schlichter, Grossman, and Cisneros), 153*
- CLARK, J. H. (See Nelson, Mayerson, Clark, and Lyons), 308*
- CLELAND, W. P. Cavernous hemangioma of the lung, 956*
- CLERC, A., AND QUINCAUD, A. Identical electrocardiograms with cardiac apex formed by right or left ventricular myocardium, 949*
- COOPER, B. J. (See Gruhitz, Fiskin, and Cooper), 792*, 952*
- COOPER, F. W., JR., HARRIS, M. H., AND KAHN, J. W. Ligation and division of the abdominal aorta for metallic embolus from the heart, 950*
- COOPER, W. M. Treatment of varicose ulcer, 954*
- CORCORAN, A. C. (See Taylor, Birchall, Corcoran, and Page), 221
- . TAYLOR, R. D., AND PAGE, IRVINE H. Circulatory responses to spinal and caudal anesthesia in hypertension: relation to the effect of sympathectomy. II. Effect on renal function, 226
- CORDAY, ELIOTT. (See Jaffe, Corday, and Master), 911
- . (See Prinzmetal, Corday, Spritzler, and Bergman) (Proc.), 476
- COSIO, P., DAMBROSI, R. G., AND WARNFORD-THOMSON, H. T. The first heart sound in auricular and ventricular extrasystoles, 630*
- . (See Padilla, Cossio, Berreta, and Alvarez), 946*
- COURNAND, A., MOTLEY, H. L., HIMMELSTEIN, A., DREDSEAL, D., AND BALDWIN, J. Recording of blood pressure from the left auricle and the pulmonary veins

- in human subjects with interauricular septal defects, 151*
- . (See Motley, Cournand, Werkö, Himmelstein, and Dresdale), 152*
- COURNAND, ANDRÉ. (See Ferrer, Harvey, Werkö, Dresdale, Cournand, and Richards, Jr.), 816
- COX, N. Cardiac murmurs in infancy, 787*
- CRAIG, W. McK. (See Brown, Allen, and Craig), 793*
- CROCKET, K. A., AND RHOADS, P. S. Hyperthermia caused by penicillin-heparin in the treatment of subacute bacterial endocarditis, 790*
- CRUTCHER, R. R., AND DANIEL, R. A., JR. Pulmonary embolism, 789*
- CUSTER, G. S. (See Miale, Millard, Beno, and Custer), 438
- D
- DAMBROSI, R. G. (See Cossio, Dambrosi, and Warnford-Thomson), 630*
- DANIEL, R. A., JR. (See Crutcher and Daniel, Jr.), 789*
- DANKNER, A. (See Glaser, Dankner, Mathes, and Harford), 302*
- DANOWSKI, T. S., WINKLER, A. W., AND ELKINTON, J. R. Biochemical and hemodynamic changes following the subcutaneous injection of glucose solution, 308*
- DAVIDSON, J. D. (See Steiner, Davidson, and Kendall) (Proc.), 477
- DAVIS, WILLIAM H. The clinical diagnosis of arteriosclerosis (Proc.), 473
- DAVISON, S. Spontaneous rupture of a papillary muscle of the heart, 955*
- DENOLIN, H. (See Lequine, Denolin, and Verniory), 949*
- . (See Segers, Vastesaeger, and Denolin), 944*
- DOANE, JOSEPH C., AND KRASNOFF, SIDNEY O. Extreme bradycardia, 777
- DONIACH, I. Uremic edema of the lungs, 310*
- DONTIGNY, P., HAY, E. C., PRADO, J. L., AND SELYE, H. Hormonal hypertension and nephrosclerosis as influenced by the diet, 956*
- DRAPER, A. J., JR. Dicumarol poisoning, 454*
- DRESBACH, M. Further experiments in an attempt to locate the site of the emetic action of the digitalis glycosides, 156*
- DRESDALE, D. (See Cournand, Motley, Himmelstein, Dresdale, and Baldwin), 151*
- . (See Motley, Cournand, Werkö, Himmelstein, and Dresdale), 152*
- DRESDALE, DAVID T. (See Ferrer, Harvey, Werkö, Dresdale, Cournand, and Richards, Jr.), 816
- DRESSLER, WILLIAM, AND ROESLER, HUGO. The diagnostic value of the pattern T_1 lower than T_3 ($T_1 < T_3$) compared with the information yielded by multiple chest leads in myocardial infarction, 115
- DRY, THOMAS J. (See Montgomery, Jr., Wood, Burchell, Dry, Parker, and Helmholz, Jr.), 668
- DUFF, G., LYMAN, AND McMILLAN, GARDNER, C. The inhibition of experimental cholesterol atherosclerosis by alloxan diabetes in the rabbit (Proc.), 469
- DUGUET, J., DUMONT, P., AND BAILLIART, J. The effects of anoxia on retinal vessels and retinal arterial pressure, 313*
- DUMONT, P. (See Duguet, Dumont, and Bailleart), 313*
- E
- EASTMAN, WILLIAM. (See Gerber, McCune, and Eastman) (Proc.), 478
- ECKENHOFF, JAMES E., AND HAFKENSCHIEL, JOSEPH H. The oxygen content of coronary venous blood as affected by anoxia and cytochrome C, 893
- ECKENHOFF, J. E., AND HAFKENSCHIEL, J. H. The effect of nikethamide on coronary blood flow and cardiac oxygen metabolism, 156*
- EDWARDS, JESSE E. (See Rogers and Edwards), 28
- ELKINGTON, J. R. (See Danowski, Winkler, and Elkington), 308*
- ELMQUIST, A., AND RYDIN, H. The influence of muscular exercise on the tolerance of digitalis in guinea pigs, 948*
- ELSTER, S. (See Wilens, Elster, and Baker), 478
- ENGEL, G. L., AND ROMANO, J. Studies of syncope. IV. Biologic interpretation of vasodepressor syncope, 309*
- ESPERSEN, T., AND JORGENSEN, J. Electrocardiographic changes in paroxysmal hypertension due to chromaffin adrenal tumor, 150*
- ESSEX, HIRAM E. (See Flasher, Essex, and Barnes), 882
- EYSTER, J. A. E., AND GILSON, W. E. Electrical characteristics of injuries to heart muscle, 153*
- F
- FABER, M. (See Hansen and Faber), 153*, 460*
- FABRICIUS, B. Kymographic studies of the function of the auricle, 949*
- FAILEY, R. B. (See Hyman, Failey, and Ashman), 906
- FARAH, A., AND MARESH, G. Determination of the therapeutic irregularity and lethal doses of cardiac glycosides in the heart-lung preparation of the dog, 452*, 950*
- , AND —. The influence of sulphydryl compounds on diuresis and renal and cardiac circulatory changes caused by mersalyl, 452*, 950*
- FAUTEUX, M. Cardiac resuscitation, 947*
- FAWCETT, R. M. Myocardium after sulfonamide therapy, 304*
- FEIL, HAROLD. (See Jones and Feil), 98, 739
- FEIL, H. S. (See Beck, Pritchard, and Feil), 156*
- FERRER, M. IRENÉ, HARVEY, REJANÉ M., WERKÖ, LARS, DRESDALE, DAVID T., COURNAND, ANDRÉ, AND RICHARDS, DICKINSON, W., JR. Some effects of

- quinidine sulfate on the heart and circulation in man, 816
- FEUCHTWANGER, J. L. Arteriography of the limbs, 154*
- FISHMAN, W. H. (*See* LeVeen and Fishman), 632*
- FISKEN, R. A. (*See* Gruhzit, Fisken, and Cooper), 792*, 952*
- FITZGERALD, RICHARD P. (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox), 334
- . (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Cont'd), 481
- . (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Concl'd), 683
- FLASHER, JACK, ESSEX, HIRAM E., AND BARNES, ARLIE R. An experimental study of acute pulmonary arterial obstruction, with special reference to the precordial electrocardiogram, 882
- FOURRIER, A. (*See* Chardon, Gross, and Fourrier), 946*
- FRANCK, C., GRANDPIERRE, R., AND ROYER, P. Transitory apnea in man induced by breathing a mixture rich in oxygen during a state of anoxemia, 949*
- . —. LEMAIRE, R., AND AUSCHER, C. The effect of anoxia on adrenalin induced hyperglycemia, 150*
- FREEDBERG, A. S. (*See* Blumgart, Freedberg, Zoll, Lewis, and Wessler), 13
- FREEMAN, A. M. Acute postpartal heart failure; a report of four cases with an inquiry into pathogenesis, 312*
- FREEMAN, N. E., LEEDS, F. H., AND GARDNER, R. E. Sympathectomy for obliterative arterial disease; indications and contraindications, 635*
- FREIS, EDWARD D., AND STANTON, JOSEPH R. A clinical evaluation of veratrum viride in the treatment of essential hypertension, 723
- FULTON, JOAN B. (*See* Simms, Parshley, Pitt, and Fulton), 469
- G
- GARDNER, R. E. (*See* Freeman, Leeds, and Gardner), 635*
- GEISLER, MURRAY A. (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox), 334
- . (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Cont'd), 481
- . (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Concl'd), 683
- GERBER, LEON, McCUNE, WILLIAM S., AND EASTMAN, WILLIAM. Lumbar ganglionectomy in peripheral arteriosclerosis (Proc.), 478
- GILSON, W. E. (*See* Eyster and Gilson), 153*
- GLASER, R. J., DANKNER, A., MATHES, S. B., AND HARFORD, C. G. Effect of penicillin on the bacteremia following dental extraction, 302*
- GODFREY, J. Thoracic tenderness in pulmonary infarction, 788*
- GOHLE, O. (*See* Biorck, Gohle, and Westman), 948*
- GOLDBERGER, EMANUEL. A simple method of determining abnormalities of the Q-T interval, 141
- GONZALES, WILLIAM. (*See* Morrison, Hall, and Gonzales) (Proc.), 474
- GONZALES, WILLIAM F. (*See* Morrison and Gonzales), 473
- GOODMAN, M. J. Periarteritis nodosa with recovery; report of an unusual case apparently due to sensitivity to sulfadiazine, 451*
- GORE, I. Myocardial changes in fatal diphtheria, 953*
- GORE, IRA, AND SAPHIR, OTTO. Myocarditis associated with acute and subacute glomerulonephritis, 390
- GRAHAM, G. (*See* Wiggers, Levy, and Graham), 631*
- GRANDPIERRE, R. (*See* Franck, Grandpierre, and Royer), 949*
- . (*See* Franck, Grandpierre, Lemaire, and Auscher), 150*
- GRANGER, H. R. (*See* Siegmund, Nash, and Granger), 943*
- GRAYSON, C. (*See* Wendholz and Grayson), 309*
- GRAYSON, C. E. Cardiac calcifications, anular and valvular (leaflet), 794*
- GRAYZEL, D. M. (*See* Loewe, Hirsch, and Grayzel), 312*
- GREGERSON, M. I. (*See* Root, Walcott, and Gregerson), 632*
- GREGG, D. E., AND SHIPLEY, R. E. Studies of the venous drainage of the heart, 631*
- GREISMAN, HARRY, AND MARCUS, RAYMOND M. Acute myocardial infarction: detailed study of Dicumarol therapy in seventy-five consecutive cases, 600
- GRISWOLD, R. A. (*See* Maguire and Griswold), 311*
- GROLLMAN, A. Effect of pregnancy on course of experimental hypertension, 634*
- GROSS, A. (*See* Chardon, Gross, and Fourrier), 946*
- GROSSMAN, M. (*See* Wilburne, Schlichter, Grossman, and Cisneros), 153*
- GRUBER, C. M., AND KEYSER, G. F. The effects of analgesic drugs upon excised frog and terrapin cardiac vagus nerve, 930*
- GRUHZIT, O. M., FISKEN, R. A., AND COOPER, B. J. Tetraethylammonium chloride; acute and chronic toxicity in experimental animals, 952*
- , —, AND —. Tetraethylammonium chloride ($(N(C_2H_5)_4NCl)$), 792*
- GUBERGRITS, A. Y. Occult injuries to the heart, 316*
- GUBNER, RICHARD. (*See* Ungerleider and Gubner) (Proc.), 474
- GUEST, M. M., MURPHY, R. C., BODNAR, ST. R., WARE, A. G., AND SEEGERS, W. H. Physiological effects of a plasma protein: blood pressure, leucocyte concentration, smooth and cardiac muscle activity, 152*
- GUTNER, LEONARD B. (*See* Batterman and Gutner), 582

H

- HADOT, E. (*See* Mathieu and Hadot), 151*
- HAFKENSCHIEL, J. H. (*See* Eckenhoff and Hafkenschiel), 156*
- HAFKENSCHIEL, JOSEPH H. (*See* Eckenhoff and Hafkenschiel), 893
- HAGEDORN, A. B. (*See* Scheifley and Hagedorn), 453*
- HALL, LILLIAN. (*See* Morrison, Hall, and Gonzales) (Proc.), 474
- HAND, A. Cerebral abscess; a complication of congenital cardiac disease (Fallot's tetralogy), 301*
- HANSEN, P., AND FABER, M. Raynaud's syndrome originating from reversible precipitation of protein, 153*, 460*
- HANSON, H. E. (*See* Broden, Hanson, and Karnell), 948*
- HARFORD, C. G. (*See* Glaser, Dankner, Mathes, and Harford), 302*
- HARKEN, D. E. The removal of foreign bodies from the pericardium and heart: a moving picture demonstration, 947*
- HARRIS, A. S., AND MATLOCK, W. P. The effects of anoxemic anoxia on excitability, conduction, and refractoriness of mammalian cardiac muscle, 152*
- HARRIS, BRADLEY M. (*See* Blain, III, Campbell, and Harris) (Proc.), 477
- HARRIS, M. H. (*See* Cooper, Jr., Harris, and Kahn), 950*
- HARVEY, REJANÉ M. (*See* Ferrer, Harvey, Werkö, Dresdale, Cournand, and Richards, Jr.), 816
- HAY, E. C. (*See* Dointigny, Hay, Prado, and Selye), 956*
- HAYWARD, G. W. Tetraethyl ammonium bromide in hypertension and hypertensive heart failure, 453*
- HAZELTON, A. R. (*See* Leigh and Hazelton), 310*
- HEARN, J. B. (*See* Beaumont and Hearn), 454*
- HEINBECKER, P. (*See* White, Heinbecker, and Rolf), 633*
- HEJTMANCIK, M. R., AND HERRMANN, G. R. Paroxysmal ventricular tachycardia with special reference to treatment, 636*
- HELLERSTEIN, HERMAN K. Atrial infarction with diagnostic electrocardiographic findings, 422
- HELLERSTEIN, H. K., AND KATZ, L. N. The electrical effects of injury at various myocardial locations, 184
- . (*See* Wartman and Hellerstein), 317*
- HELMHOLZ, H. FREDERIC, JR. (*See* Montgomery, Jr., Wood, Burchell, Dry, Parker, and Helmholz, Jr.), 668
- HENDRY, W. G. Superior mesenteric arterial occlusion—recovery without resection, 787*
- HENSCHEL, A. (*See* Taylor, Henschel, and Keys), 785*
- HERNÁNDEZ-MORALES, FEDERICO. (*See* Suárez, Santiago-Stevenson, and Hernández-Morales), 923
- HERNBERG, C. A. Myocardial affection in malaria tertiana, 154*

- HERRMANN, G. R. (*See* Hejtmancik and Herrmann), 636*
- HIMMELSTEIN, A. (*See* Cournand, Motley, Himmelstein, Dresdale, and Baldwin), 151*
- . (*See* Motley, Cournand, Werkö, Himmelstein, and Dresdale), 152*
- HIRATZKA, TOMIWARU. (*See* Myers, Klein, and Hiratzka), 838
- HIRSCH, E. (*See* Loewe, Hirsch, and Grayzel), 312*
- HOLMAN, RUSSELL L. Studies on the relationship of diet and renal insufficiency to arterial disease (Proc.), 476
- HOLMES, R. B. (*See* Paterson and Holmes), 470
- HORGER, EUGENE L. (*See* Stewart, Horger, and Sorenson), 161
- HORLICK, LOUIS, KATZ, LOUIS N., AND STAMLER, JEREMIAH. The effect of a low fat diet on the spontaneously occurring arteriosclerosis of the chicken (Proc.), 472
- HULL, EDGAR, TUCKER, HERBERT DE N., AND WEILBAECHER, J. O., JR. False abnormality of precordial electrocardiograms due to the effect of changes of potential at the remote electrode, 135
- HUMPHREYS, E. M. The cardiac lesions of acute disseminated lupus erythematosus, 786*
- HURST, W. W., AND SCHEMON, F. R. High ventricular septal defect with slight dextroposition of the aorta (Eisenmenger type) which presented the clinical features of patent ductus arteriosus, 144
- HYMAN, ALBERT, FAILEY, R. B., AND ASHMAN, RICHARD. Can the longitudinal anatomical axis of the ventricles be estimated from the electrocardiogram? 906
- J
- JAFFE, HARRY L., CORDAY, ELIOTT, AND MASTER, ARTHUR M. Evaluation of the precordial leads of the electrocardiogram in obesity, 911
- JOHNSON, W. A. (*See* Morrison, Chaney, Langmade, and Johnson) (Proc.), 474
- JONES, A. MORGAN, AND FEIL, HAROLD. On axis deviation in human bundle branch block, 98
- , AND —. The effect of posture upon axis deviation in human bundle branch block, 739
- JORGENSEN, J. (*See* Espersen and Jorgensen), 150*
- K
- KAGAN, B. M., AND MIRMAN, B. Sydenham's chorea, a syndrome for differential diagnosis, 154*
- KAHN, J. W. (*See* Cooper, Jr., Harris, and Kahn), 950*
- KALDECK, R. Transient hemiplegia following electroconvulsive treatment, 952*
- KARNELL, J. (*See* Broden, Hanson, and Karnell), 948*

- KATZ, L. N. (*See* Hellerstein and Katz), 184
 KATZ, LOUIS N. (*See* Horlick, Katz, and Stammer) (Proc.), 472
 KEMPNER, W. Treatment of hypertensive vascular disease with rice diet, 794*
 KENDALL, FORREST E. (*See* Bevans, Kendall, and Abell) (Proc.), 473
 ——. (*See* Steiner, Davidson, and Kendall) (Proc.), 477
 KEYS, A. (*See* Taylor, Henschel, and Keys), 785*
 KEYSER, G. F. (*See* Gruber and Keyser), 950*
 KIRK, ESSEN. (*See* Kountz, Chieffo, and Kirk) (Proc.), 475
 KISCH, BRUNO. (*See* Roth and Kisch), 257
 KISSIN, MILTON. (*See* Bakst, Kissin, Leibowitz, and Rinzler), 527
 KLEIN, HOWARD A. (*See* Myers, Klein, and Hiratzka), 838
 ——. (*See* Myers, Klein, and Stofer), 535
 KLEMPERER, P. The pathogenesis of lupus erythematosus and allied conditions, 785*
 KOUNTZ, WILLIAM B., CHIEFFO, MARGARET, AND KIRK, ESSEN. An evaluation of thyroid function in older individuals with various degrees of arteriosclerosis (Proc.), 475
 KRASNOFF, SIDNEY O. (*See* Doane and Krasnof), 777
 KROP, S. (*See* McNamara, Krop, and McKay), 793*, 953*
 KRUGER, H. E. (*See* Prinzmetal, Simkin, Bergman, and Kruger), 790*
 KYSER, FRANKLIN A., AND TRUMP, RUTH. Further studies on the effect of papaverine upon the cardiotoxic lesions of digitalis in the dog, 133
- L
- LAMBETH, S. S. (*See* Ross, Lambeth, Thomas, and Carter), 795*
 LAMBERT, H. H. (*See* Shumacker, Abramson, and Lampert), 301*
 LANGLEY, G. J., AND PLATT, R. Hypertension and unilateral kidney disease, 306*
 LANGMADE, CHARLES. (*See* Morrison, Chaney, Langmade, and Johnson) (Proc.), 474
 LARKIN, M. A. (Abdominal symptoms in sudden acute heart conditions, 306*
 LAVENNE, F. (*See* Lian, Lavenne, and Von Roten), 151*
 LAWSON, H. C., OVERBEY, D. T., MOORE, J. C., AND SHADLE, O. W. Mixing of cells, plasma, and dye T-1824 in the cardiovascular system of barbitalized dogs, 633*
 ——. (*See* Overby, Moore, Shadle, and Lawson), 633*
 LEEDS, F. H. (*See* Freeman, Leeds, and Gardner), 635*
 LEFKOVITS, AARON M. Neoplastic metastasis to the heart, 610
 LEIBOWITZ, SIDNEY. (*See* Bakst, Kissin, Leibowitz, and Rinzler), 527
 LEIGH, E., AND HAZELTON, A. R. Six cases of cardiovascular disorder with peripheral neuritis, 310*
 LEITER, L. Renal diseases, 7455*
- LEMAIRE, R. (*See* Franck, Grandpierre, Lemaire, and Auscher), 150*
 LENZI, S. On the Wolff-Parkinson-White syndrome, 308*
 LEQUINE, J., DENOLIN, H., AND VERNIORY, A. Dextrocardia and septal defects, 949*
 LERICHE, R., AND MOREL, A. The syndrome of thrombotic obliteration of the aortic bifurcation, 951*
 LEROY, ELIE P. (*See* Saphir and Leroy), 304*
 LEVEEN, H. H., AND FISHMAN, W. H. Combination of Evans blue with plasma protein: its significance in capillary permeability studies, blood dye disappearance curves, and its use as a protein tag, 632*
 LEVINE, HAROLD D., AND BURGE, JULIUS C., JR. Septal infarction with complete heart block and intermittent anomalous atrioventricular excitation (Wolff-Parkinson-White syndrome): histologic demonstration of a right lateral bundle, 431
 LEVY, M. N. (*See* Wiggers, Levy, and Graham), 631*
 LEVY, T. Case report of mechanical right heart failure from extension of an undiagnosed bronchiogenic carcinoma, 312*
 LEWIS, H. D. (*See* Blumgart, Freedberg, Zoll, Lewis, and Wessler), 13
 LIAN, C., LAVENNE, F., AND VON ROTEN, L. An exercise test in obliterating arterial disease, 151*
 LICHTENSTEIN, L., AND SEWALL, S. Pulmonary and cerebral fat embolism following intravenous administration of ether therapeutically, 458*
 VAN LIERE, E. J. (*See* Stickney, Northrup, and Van Liere), 152*
 LIGHT, F. P. A nine-year follow-up in cases of toxemia of pregnancy, 790*
 LINDROTH, L. V. Sympathetic nerve block in hypertension and allied cases, 306*
 LIPSCHITZ, W. L., AND STOKEY, E. Diuretic action of formoguanamine in normal persons, 792*, 952*
 LOEWE, L., HIRSCH, E., AND GRAYZEL, D. M. The action of heparin on experimental venous thrombosis, 312*
 LOGUE, R. B., AND WENDKOS, MARTIN H. Acute pericarditis of benign type, 587
 LUDI, H. (*See* Steinmann, Ludi, and Barben), 787*
 LYONS, C. (*See* Nelson, Mayerson, Clark, and Lyons), 308*
- M
- MAECK, J. VAN S., AND ZILLIACUS, H. Heparin in the treatment of toxemia of pregnancy, 790*
 MAGUIRE, C. H., AND GRISWOLD, R. A. Further observations on penetrating wounds of the heart and pericardium, 311*
 MAINZER, F. Electrocardiographic study of typhoid myocarditis, 944*
 MAKINSON, D. H., OLEESKY, S., AND STONE, R. B. Vitamin E in angina pectoris, 788*

- MALINER, M. M., AND AMSTERDAM, S. D. Oral penicillin in the prophylaxis of recurrent rheumatic fever, 157*
- MARCUS, RAYMOND M. (*See* Greisman and Marcus), 600
- MARESH, G. (*See* Farah and Maresh), 452*, 950*
—. (*See* Farah and Maresh), 452*, 950*
- MARPLE, CHARLES D. (*See* Wright, Marple, and Beck), 801
- MARSH, J. B. (*See* Stadie and Marsh), 155*
- MASSEY, F. C., AND WALKER, W. J. Complete atrioventricular block in diphtheritic myocarditis, 786*
- MASTER, ARTHUR M. (*See* Jaffe, Corday, and Master), 911
- MATHES, S. B. (*See* Glaser, Dankner, Mathes, and Harford), 302*
- MATHIEU, L., AND HADOT, E. Myocardial infarction and angina pectoris during serum sickness, 151*
- , AND —. Obliterating arterial disease of the upper extremity following severe urticaria, 151*
- MATLOCK, W. P. (*See* Harris and Matlock), 152*
- MAYERSON, H. S. (*See* Nelson, Mayerson, Clark, and Lyons), 308*
- MAYNARD, R. M., AND THOMPSON, C. W. Congenital aneurysm of an aortic sinus, 305*
- MCALLISTER, W. B. (*See* Waters and McAllister) (Proc.), 475
- McCUNE, WILLIAM S. (*See* Gerber, McCune, and Eastman) (Proc.), 478
- MCKAY, E. A. (*See* McNamara, Krop, and McKay), 793*
—. (*See* McNamara, Krop, and McKay), 953*
- McKEOWN, F. Acute rheumatism in pregnancy, 792*
- MCKINLAY, C. A. Allergic carditis, pericarditis, and pleurisy, 456*
- MCMILLAN, GARDNER C. (*See* Duff and McMillan) (Proc.), 469
- MCMILLAN, R. L., AND WELFARE, C. R. Chronic auricular fibrillation, 314*
- MCNAMARA, B., KROP, S., AND MCKAY, E. A. The effect of calcium on the cardiovascular stimulation produced by acetylcholine, 793*, 953*
- MEEK, W. J. (*See* Stutzman, Murphy, Allen, and Meek), 311*
- MEILI, E. (*See* Spuhler, Wiesinger, and Meili), 788*
- MIALE, J. B., MILLARD, A. L., BENO, T. J., AND CUSTER, G. S. Congenital tricuspid atresia associated with interauricular and interventricular septal defects, 438
- MIGLIARO, E. Hypersensitivity of cardiac muscle to potassium ion following the administration of veratrine and sulfocyanate after complete atropinization, 945*
- MILLARD, A. L. (*See* Miale, Millard, Beno, and Custer), 438
- MILLER, A. K. (*See* Boger, Miller, Tillson, and Shaner), 955*
- MILLER, A. T. A re-evaluation of the T-1824 mixing curve, 633*
—. Excretion of the blue dye, T-1824, in the bile, 632*
- MILOVANOVICH, J. B. (*See* Cantonnet and Milovanovich), 150*
- MIRMAN, B. (*See* Kagan and Mirman), 154*
- MONTGOMERY, GEORGE E., JR., WOOD, EARL H., BURCHELL, HOWARD B., DRY, THOMAS J., PARKER, ROBERT L., AND HELMHOLZ, H. FREDERIC, JR. Continuous observations of the arterial oxygen saturation at rest and during exercise in congenital heart disease, 668
- MOORE, J. C. (*See* Lawson, Overbey, Moore, and Shadle), 633*
—. (*See* Overbey, Moore, Shadle, and Lawson), 633*
- MOREL, A. (*See* Leriche and Morel), 951*
- MORELLI, A., AND SALVI, P. Treatment of essential hypertension with vitamin K, 945*
- MOREST, F. STANLEY, AND RUBIN, SIDNEY. Embolism at bifurcation of aorta, 277
- MORRISON, LESTER M., CHANEY, ALBERT L., LANGMADE, CHARLES, AND JOHNSON, W. A. Studies on the cholesterol content of the coronary arteries and the blood in acute coronary thrombosis (Proc.), 474
—, AND GONZALES, WILLIAM F. The effect of blood cholesterol disorders on the coronary arteries and the aorta (Proc.), 473
- , HALL, LILLIAN, AND GONZALES, WILLIAM. Changes in blood cholesterol levels in patients with coronary occlusion following choline therapy (Proc.), 474
- , AND ROSSI, AMERIGO. Absorption of aortic atherosclerosis by choline feeding (Proc.), 479
- , AND —. The prevention of experimental atherosclerosis by choline feedings (Proc.), 479
- MORSE, M., CASSELS, D. E., AND SCHLUZT, F. W. Available and interstitial fluid volumes of normal children, 634*
- MOTLEY, H. L., COURNAND, A., WERKÖ, L., HIMMELSTEIN, A., AND DRESDALE, D. The influence of short periods of induced acute anoxia upon pulmonary artery pressure in man, 152*
—. (*See* Cournand, Motley, Himmelstein, Dresdale, and Baldwin), 151*
- MUFFSON, I., QUIMBY, E. H., AND SMITH, B. C. Use of radioactive sodium as a guide to the efficiency of drugs used in treatment of diseases of the peripheral vascular system, 302*
- MULLICK, D. N., ALFREDSON, B. V., AND REINEKE, E. P. Influence of thyroid status on the electrocardiogram and certain blood constituents of the sheep, 785*
- MUNNELL, W. E., AND TAYLOR, H. C. Liver blood flow in pregnancy—hepatic vein catheterization, 155*

- MURPHY, Q. (*See* Stutzman, Murphy, Allen, and Meek), 311*
- MURPHY, R. C. (*See* Guest, Murphy, Bodnar, Ware, and Seegers), 152*
- MURRAY, G. The tetralogy of Fallot and its surgical treatment, 459*
- MUSSAFIA, A. Electrocardiographic and clinical studies on certain types of myocardial infarction: supra-apical, endocardial, epicardial, lateral and anterolateral infarction, 629*
- MYERS, GORDON B., KLEIN, HOWARD A., AND HIRATZKA, TOMIHARU. II. Correlation of electrocardiographic and pathologic findings in large anterolateral infarcts, 838
- , —, AND STOFER, BERT E. I. Correlation of electrocardiographic and pathologic findings in anteroseptal infarction, 535
- MYERS, H. L., AND ARTSIS, N. Bilateral non-traumatic iliofemoral thrombophlebitis in a child, 295
- N
- NASH, V. L. (*See* Siegmund, Nash, and Graniger), 943*
- NELSON, W., MAYERSON, H. S., CLARK, J. H., AND LYONS, C. Studies of blood volume in tetralogy of Fallot and in other types of congenital heart disease, 308*
- NEWMAN, ABBOTT A. (*See* Stewart and Newman), 641
- NEWTON, M. (*See* Spealman, Newton, and Post), 153*
- NICHOL, A. D., AND BRANNAN, D. D. The differentiation of patent ductus arteriosus and atrial septal defect, 634*
- NORTHRUP, D. W. (*See* Stickney, Northrup, and Van Liere), 152*
- NYLIN, G., AND BIORCK, G. Circulatory corpuscle and blood volume in a case of patent ductus arteriosus before and after ligation, 150*
- . (*See* Rasmussen and Nylin), 461*
- O
- OEHNELL, R. F. Pre-excitation and auricular fibrillation, 461*
- OLEESKY, S. (*See* Makinson, Oleesky, and Stone), 788*
- O'NEILL, J. F. The effects of venous endothelium on alterations in blood flow through the vessels in vein walls, and the possible relation to thrombosis, 462*
- OPDYKE, DAVIS F., AND SELKURT, EWALD E. A study of alleged intercoronary reflexes following coronary occlusion, 73
- ORNITZ, E. M. (*See* Prinzmetal, Ornitz, Simkin, and Bergman), 784*
- OSTLING, G. The significance of the speed of injection for the therapeutic effect of K-strophanthin, 944*
- OVERBEY, D. T., MOORE, J. C., SHADLE, O. W., AND LAWSON, H. C. Rate of disappearance of dye T-1824 from arterial blood, 633*
- . (*See* Lawson, Overbev, Moore, and Shadle), 633*
- P
- PADILLA, T., COSSIO, P., BERRETA, J. A., AND ALVAREZ, G. H. Sympathectomy in essential hypertension, 946*
- PAGE, IRVINE H. (*See* Corcoran, Taylor, and Page), 226
- . (*See* Taylor, Birchall, Corcoran, and Page), 221
- PAPP, C. (*See* Parkinson and Papp), 629*
- PARKER, CARL P., JR. (*See* Cecil, Parker, Jr., and Porter), 934
- PARKER, ROBERT L. (*See* Montgomery, Jr., Wood, Burchell, Dry, Parker, and Helmholz, Jr.), 668
- PARKINSON, J., AND PAPP, C. Repetitive paroxysmal tachycardia, 629*
- PARSHLEY, MARY S. (*See* Simms, Parshley, Pitt, and Fulton) (Proc.), 469
- PATERSON, J. C., AND HOLMES, R. B. Hypertension and coronary thrombosis (Proc.), 470
- PELLEGRINO, PETER C., AND SILBER, EARL N. Recurrent spontaneous mediastinal emphysema simulating myocardial infarction, 447
- PERERA, G. A. Diagnosis and natural history of hypertensive vascular disease, 457*
- PHILIPPOT, E. (*See* Charlier and Philippot), 946*
- PINCELLI, C. On the behavior of serum cholinesterase in cardiac patients treated with digitalis, 309*
- PITT, RUTH B. (*See* Simms, Parshley, Pitt, and Fulton) (Proc.), 469
- PLATT, R. Heredity in hypertension, 459*
- . (*See* Langley and Platt), 306*
- PLATZ, M. Progress of medical science: non-atheromatous lesions of the coronary arteries, 303*
- POINDEXTER, CHARLES A. (*See* Butterworth and Poindexter), 112
- POLLACK, ALBERT A., AND WOOD, EARL H. A portable electrical manometer suitable for continuous indication of peripheral venous pressures, 899
- POPPE, J. K. Cellophane treatment of syphilitic aneurysms with report of results in six cases, 252
- PORTER, WILLIAM B. (*See* Cecil, Parker, Jr., and Porter), 934
- POST, R. L. (*See* Spealman, Newton, and Post), 153*
- PRADO, J. L. (*See* Dontigny, Hay, Prado, and Selye), 956*
- PRINZMETAL, M., ORNITZ, E. M., SIMKIN, B., AND BERGMAN, H. C. Arteriovenous anastomoses in liver, spleen, and lungs, 784*
- , SIMKIN, B., BERGMAN, H. C., AND KRUGER, H. E. Studies on the collateral circulation of the normal human heart by coronary perfusion with radioactive erythrocytes and glass spheres, 790*

- PRINZMETAL, MYRON, CORDAY, ELIOTT, SPRITZLER, RAMON, AND BERGMAN, H. C. Radiocardiography: a new method for the study of the circulation (Proc.), 476
- PRITCHARD, W. H. (*See* Beck, Pritchard, and Feil), 156*
- PRUITT, RAYMOND D. (*See* Burchell, Pruitt, and Barnes), 373
- Q
- QUIMBY, E. H. (*See* Mufson, Quimby, and Smith), 302*
- QUINCAUD, A. (*See* Clerc and Quincaud), 949*
- R
- RACHMILEWITZ, M., AND BRAUN, K. Electrocardiographic changes in typhoid fever and their reversibility following niacin treatment, 284
- RASMUSSEN, H., AND NYLIN, G. The electrocardiogram in mitral stenosis with special regard to its development, 461*
- RAVICH, R. M., AND ROSENBLATT, P. Myocardial infarction in the newborn infant, 154*
- RAY, T. (*See* Burch and Ray), 943*
- REES, C. E. A cause for the reestablishment of communication following ligation of patent ductus arteriosus, 451*
- REID, G. Observations on the part played by the vasoconstrictor substance of blood platelets in the mechanism of vascular spasm, 307*
- REIMER, ANN. (*See* Wilkinson, Jr., Blecha, and Reimer) (Proc.), 472
- REINEKE, E. P. (*See* Mullick, Alfredson, and Reineke), 785*
- RHOADS, P. S. (*See* Crocket and Rhoads), 790*
- RICH, A. R. A hitherto unrecognized tendency to the development of widespread pulmonary vascular obstruction in patients with congenital pulmonary stenosis (tetralogy of Fallot), 458*
- RICHARDS, DICKINSON W., JR. (*See* Ferrer, Harvey, Werkö, Dresdale, Cournand, and Richards, Jr.), 816
- RICHTER, ISAAC H., AND TAINSKY, IRVING A. Gangrene of lower extremities in infants, 443
- RINZLER, SEYMOUR. (*See* Bakst, Kissin, Leibowitz, and Rinzler), 527
- ROBBINS, S. L. (*See* Rogers and Robbins), 157*
- ROEGLER, HUGO. (*See* Dressler and Roesler), 115
- ROGERS, H. MILTON, AND EDWARDS, JESSE E. Incomplete division of the atrioventricular canal with patent interatrial foramen primum (persistent common atrioventricular ostium), 28
- ROGERS, J., AND ROBBINS, S. L. Latent rheumatic myocarditis, 157*
- ROLF, D. (*See* White, Heinbecker, and Rolf), 633*
- ROMANO, F. J.. (*See* Scherf, Romano, and Terranova), 241
- ROMANO, J. (*See* Engel and Romano), 309*
- ROOT, W. S., WALCOTT, W. W., AND GREGERSON, M. I. Effects of muscle trauma and of hemorrhage upon the cardiac output of the dog, 632*
- ROSENBLATT, P. (*See* Ravich and Rosenblatt), 154*
- ROSS, COLIN A., AND SPRAGUE, P. H. A case of paradoxical embolism, 772
- ROSS, R. A., LAMBETH, S. S., THOMAS, W. L., AND CARTER, F. B. Fifty-four deaths occurring in pregnant patients who had hypertension, 795*
- ROSSI, AMERIGO. (*See* Morrison and Rossi) (Proc.), 479
- VON ROTEN, L. (*See* Lian, Lavenne, and Von Roten), 151*
- ROTH, G. M., AND SHEARD, C. H. Maintenance of vasodilation of the extremities of normal individuals for a prolonged period by the ingestion of two to four substantial meals in close succession, 785*
- ROTH, IRVING R., AND KISCH, BRUNO. The mechanism of irregular sinus rhythm in auriculoventricular heart block, 257
- ROTH, OSCAR. Coronary occlusion with myocardial infarction following cholecystectomy for relief of anginal pain in a patient with cholelithiasis, 939
- ROYER, P. (*See* Franck, Grandpierre, and Royer), 949*
- RUBIN, SIDNEY. (*See* Morest and Rubin), 277
- RUSSEK, H. I., AND ZOHMAN, B. L. Papaverine in cerebral angiospasm (vascular encephalopathy), 459*
- RYDIN, H. (*See* Elmquist and Rydin), 948*
- S
- SALVI, P. (*See* Morelli and Salvi), 945*
- SANTIAGO-STEVENSON, DWIGHT. (*See* Suárez, Santiago-Stevenson, and Hernández-Morales), 923
- SAPHIR, OTTO, AND LEROV, ELIE P. True aneurysms of the mitral valve in subacute bacterial endocarditis, 304*
- . (*See* Gore and Saphir), 390
- SCHARF, M. M. (*See* Scherf and Scharf), 621
- SCHEIFLEY, C. H., AND HAGEDORN, A. B. The treatment of subacute bacterial endocarditis, 453*
- SCHEINKER, I. M. Alterations of cerebral capillaries in the early stage of arterial hypertension, 784*
- . Hypertensive cerebral swelling, a characteristic clinico-pathologic syndrome, 457*
- SCHEINKER, I. MARK. Cerebral vascular changes in arterial hypertension (Proc.), 470
- SCHEMM, F. R. (*See* Hurst and Schemm), 144
- SCHENCK, MAX. (*See* Zeman and Schenck) (Proc.), 480
- SCHERF, D., ROMANO, F. J., AND TERRANOVA, R. Experimental studies on auricular flutter and auricular fibrillation, 241

- SCHERF, DAVID, AND SCHARF, M. M. Supernormal phase of intraventricular conduction, 621
- SCHLICHTER, JAKUB G., AMROMIN, GEORGE D., AND SOLWAY, A. J. L. Dissecting aneurysms of the aorta (Proc.), 479
- SCHLICHTER, J. G. (See Wilburne, Schlichter, Grossman, and Cisneros), 153*
- SCHULTZ, F. W. (See Morse, Cassels, and Schultz), 634*
- SCHMIDT, E. C. H. Virus Myocarditis, 783*
- SCHOENEWALD, G. Treatment of angina pectoris by reduction of basal metabolism, 791*
- SCOTT, DAVID H. Aneurysm of the coronary arteries, 403
- SEEGERS, W. H. (See Guest, Murphy, Bodnar, Ware, and Seegers), 152*
- SEGERS, M., VASTASAEGER, M., AND DENOLIN, H. Intraventricular conduction defects, 944*
- SEGERS, MARCEL. Determination of the levo- and dextrocardiogram, 751
- SEGRE, G. On the mechanism of digitalis action, 950*
- SELKURT, EWALD E. (See Opdyke and Selkurt), 73
- SELVE, H. (See Dontigny, Hay, Prado, and Selve), 956*
- SEWALL, S. (See Lichtenstein and Sewall), 458*
- SHADLE, O. W. (See Lawson, Overbey, Moore, and Shadle), 633*
- . (See Overbey, Moore, Shadle, and Lawson), 633*
- SHANER, G. A. (See Boger, Miller, Tillson, and Shaner), 955*
- SHEARD, C. H. (See Roth and Sheard), 785*
- SHEPARD, EDWARD M., AND STEWART, HAROLD J. Interpretation of the electrocardiogram in dextrocardia with situs inversus, 55
- SHIPLEY, R. E. (See Gregg and Shipley), 631*
- SHUMACKER, H. B., JR., ABRAMSON, D. I., AND LAMPERT, H. H. The use of anti-coagulants in the surgery of aneurysms and arteriovenous fistulas, with particular reference to Dicumarol, 301*
- SIEGMUND, O. H., NASH, V. L., AND GRANGER, H. R. The vasopressor activity of some new orally active sympathomimetic amines, 943*
- SILBER, EARL N. (See Pellegrino and Silber), 447
- SILBERT, SAMUEL. Further experience with thromboangiitis obliterans in women, 757
- SIMKIN, B. (See Prinzmetal, Ornitz, Simkin, and Bergman), 784*
- . (See Prinzmetal, Simkin, Bergman, and Kruger), 790*
- SIMMS, HENRY S., PARSHLEY, MARY S., PITTS, RUTH B., AND FULTON, JOAN B. Further studies on the fat-depositing mechanism (Proc.), 469
- SINGLETON, A. O., AND SINGLETON, A. O., JR. Cerebral hemorrhage following repair of a common carotid-internal jugular arteriovenous fistula, 789*
- SINGLETON, A. O., JR. (See Singleton and Singleton, Jr.), 789*
- SLEVIN, J. G. New test in diagnosis and surgical treatment of varicose veins, 953*
- SMITH, B. C. (See Mufson, Quimby, and Smith), 302*
- SMITH, H. W. Hypertension and urologic disease, 943*
- SOBERÓN, JORGE. (See Sodi-Pallares, Thomsen, and Soberón), 1
- SODI-PALLARES, D. (See Cabrera and Sodi-Pallares), 635*
- SODI-PALLARES, DEMETRIO, THOMSEN, PABLO, AND SOBERÓN, JORGE. New contributions to the study of the intracavity potential in cases of right bundle branch block in the human heart, 1
- SOLWAY, A. J. L. (See Schlichter, Amromin, and Solway) (Proc.), 479
- SORENSEN, CHARLES W. (See Stewart, Horger, and Sorenson), 161
- SPEALMAN, C. R., NEWTON, M., AND POST, R. L. Influence of environmental temperature and posture on volume and composition of blood, 153*
- SPICKNALL, G. G., AND BINFORD, C. H. Healed dissecting aneurysm of the aorta with signs of aortic insufficiency, 452*
- SPRAGUE, P. H. (See Ross and Sprague), 772
- SPRITZLER, RAMON. (See Prinzmetal, Corday, Spritzler, and Bergman) (Proc.), 476
- SPUHLER, V. O., WIESINGER, K., AND MEILI, E. Diuretic and circulating plasma volume, 788*
- STADIE, W. C., AND MARSH, J. B. The effect of cytochrome C upon the metabolism of rat tissue, 155*
- STAMLER, JEREMIAH. (See Horlich, Katz, and Stamler) (Proc.), 472
- STANTON, JOSEPH R. (See Freis and Stanton), 723
- STEAD, E. A., JR. (See Warren, Brannon, Weens, and Stead, Jr.), 455*
- STEINER, ALFRED, DAVIDSON, J. D., AND KENDALL, FORREST E. Further studies on the production of arteriosclerosis in dogs by cholesterol and thiouracil feeding (Proc.), 477
- STEINMANN, V. B., LUDI, H., AND BARBEN, H. P. Circulatory investigations resulting from drugs which paralyze the sympathetic system. I. Ergotamine (Gynergen), 787*
- STEWART, HAROLD J. (See Shepard and Stewart), 55
- , HORGER, EUGENE L., AND SORENSEN, CHARLES W. Experience with the "anoxemia test" in patients with angina pectoris and in those with atypical chest pain, 161
- , AND NEWMAN, ABBOTT, A. The amount of digitoxin (digitaline nativeille) required for adequate digitalization, 641
- STICKNEY, J. C., NORTHRUP, D. W., AND VAN LIERE, E. J. Systemic blood pressure as a factor in the absorption of saline from the small intestine, 152*

- STOFER, BERT E. (*See* Myers, Klein, and Stofer), 535
 STOKEY, E. (*See* Lipschitz and Stokey), 792*, 952*
 STONE, R. B. (*See* Makinson, Oleesky, and Stone), 788*
 STUTZMAN, J. W., MURPHY, Q., ALLEN, C. R., AND MEEK, W. J. Further studies on the production of cyclopropane-epinephrine tachycardia, 311*
 SUÁREZ, RAMÓN M., SANTIAGO-STEVENSON, DWIGHT, AND HERNÁNDEZ-MORALES, FEDERICO. Electrocardiographic changes during antimonials treatment of schistosomiasis, 923

T

- TAINSKY, IRVING A. (*See* Richter and Tinsky), 443
 TAUSSIG, HELEN B. Analysis of malformations of the heart amenable to a Blalock-Taussig operation, 321
 —. Diagnosis of the tetralogy of Fallot and medical aspects of the surgical treatment, 155*
 TAYLOR, H. C. (*See* Munnell and Taylor), 155*
 TAYLOR, H. L., HENSCHEL, A., AND KEYS, A. Cardiovascular response to posture and the problem of faintness and syncope in the semi-starved individual, 785*
 TAYLOR, R. D. (*See* Corcoran, Taylor, and Page), 226
 TAYLOR, ROBERT D., BIRCHALL, ROBERT, CORCORAN, A. C., AND PAGE, IRVINE H. Circulatory responses to spinal and caudal anesthesia in hypertension: relation to the effect of sympathectomy. I. Effect on arterial pressure, 221
 TERRANOVA, R. (*See* Scherf, Romano, and Terranova), 241
 THOMAS, W. L. (*See* Ross, Lambeth, Thomas, and Carter), 795*
 THOMPSON, C. W. (*See* Maynard and Thompson), 305*
 THOMSEN, PABLO. (*See* Sodi-Pallares, Thomsen, and Soberón), 1
 THORDARSON, O. Clinical study on the relative incidence of congenital heart disease, 150*
 TILLOTSON, K. J. (*See* Altschule and Tillotson), 788*
 TILLSON, E. K. (*See* Boger, Miller, Tillson, and Shaner), 955*
 TRAUM, AARON H. (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox), 334
 —. (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Cont'd), 481
 —. (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Concl'd), 683
 TRUMP, RUTH. (*See* Kyser and Trump), 133
 TUCKER, HERBERT DE N. (*See* Hull, Tucker, and Weilbaecher, Jr.), 135

U

- UHLEY, M. N., AND WILBURNE, M. The effect of intravenous procaine on the electrocardiogram of the dog, 576

- UNGAR, H. Diffuse interstitial myocarditis in a case of epidemic encephalitis, 458*
 UNGERLEIDER, HARRY E., AND GUBNER, RICHARD. Clinical significance of blood cholesterol (Proc.), 474

V

- VASTESAEGER, M. (*See* Segers, Vastesaeger, and Denolin), 944*
 VERNIORY, A. (*See* Lequine, Denolin, and Verniory), 949*
 VINCENT, D. The effect of certain cardiac glucosides on serum cholinesterase, 945*

W

- WAGNER, B. M. Penicillin therapy in subacute bacterial endocarditis, 303*
 WALCOTT, W. W. (*See* Root, Walcott, and Gregerson), 632*
 WALKER, W. J. (*See* Massey and Walker), 786*
 WANG, S. C., AND BORISON, H. L. An analysis of the carotid sinus cardiovascular reflex mechanism, 461*
 —, AND —. Decussation of the pathways in the carotid sinus cardiovascular reflex: an example of the principle of convergence, 460*
 WARE, A. G. (*See* Guest, Murphy, Bodnar, Ware, and Seegers), 152*
 WARREN, J. V., BRANNON, E. S., WEENS, H. S., AND STEAD, E. A., JR. Effect of increasing the blood volume and right atrial pressure on the circulation of normal subjects by intravenous infusions, 455*
 WARTMAN, W. B., AND HELLERSTEIN, H. K. The incidence of heart disease in 2,000 consecutive autopsies, 317*
 WATERS, L. L., AND McALLISTER, W. B. Reactions of the coronary arteries of the dog following injury by allylamine (Proc.), 475
 WATSON, W. L. Pulmonary arteriovenous aneurysm, 301*
 WEENS, H. S. (*See* Warren, Brannon, Weens, and Stead, Jr.), 455*
 WEGRIA, R., AND BOYLE, M. N. Correlation between the effect of quinidine sulfate on the heart and its concentration in the blood plasma, 793*
 WEILBAECHER, J. O., JR. (*See* Hull, Tucker, and Weilbaecher, Jr.), 135
 WELCH, K. J. Failure of the peritoneal-button operation for ascites, report of two cases, 313*
 WELFARE, C. R. (*See* McMillan and Welfare), 314*
 WENDHOLZ, F., AND GRAYSON, C. Roentgen demonstration of calcifications in the interventricular septum in cases of heart block, 309*
 WENDKOS, MARTIN H. (*See* Logue and Wendkos), 587
 WERKÖ, L. (*See* Motley, Cournand, Werkö, Himmelstein, and Dresdale), 152*
 WERKÖ, LARS. (*See* Ferrer, Harvey, Werkö, Dresdale, Cournand, and Richards, Jr.), 316

- WESSLER, S. (*See* Blumgart, Freedberg, Zoll, Lewis, and Wessler), 13
- WESTMAN, C. (*See* Biorck, Gohle, and Westman), 948*
- WIESINGER, K. (*See* Spuhler, Wiesinger, and Meili), 788*
- WIGGERS, C. J., LEVY, M. N., AND GRAHAM, G. Regional intrathoracic pressures and their bearing on calculation of effective venous pressures, 631*
- WILBURNE, M., SCHLICHTER, J. G., GROSSMAN, M., AND CISNEROS, F. The use of acetylcholine in the objective determination of circulation time and the fractionation of the vascular bed traversed, 153*
- . (*See* Uhley and Wilburne), 576
- WILCOX, BLANCHE B. (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox), 334
- . (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Cont'd), 481
- . (*See* Yater, Traum, Brown, Fitzgerald, Geisler, and Wilcox) (Concl'd), 683
- WILENS, S. L., ELSTER, S., AND BAKER, J. Glomerular lipoidosis in intercapillary glomerulosclerosis (Proc.), 478
- . The relationship of chronic alcoholism to atherosclerosis, 315*
- WILKINSON, CHARLES F., JR., BLECHA, ELMIRA, AND REIMER, ANN. The relationship between dietary composition and the blood cholesterol level (Proc.), 472
- WINKLER, A. W. (*See* Danowski, Winkler, and Elkington), 308*
- WHITE, H. L., HEINBECKER, P., AND ROLF, D. Endocrine influences on cardiac output and oxygen consumption in dogs, 633*
- WOOD, EARL H. (*See* Montgomery, Jr., Wood, Burchell, Dry, Parker, and Helmholz, Jr.), 668
- . (*See* Pollack and Wood), 899
- WRIGHT, IRVING S., MARPLE, CHARLES D., AND BECK, DOROTHY FAHS. Report of the committee for the evaluation of anti-coagulants in the treatment of coronary thrombosis with myocardial infarction, 301
- Y
- YATER, WALLACE M., TRAUM, AARON H., BROWN, WILSON G., FITZGERALD, RICHARD P., GEISLER, MURRAY A., AND WILCOX, BLANCHE B. Coronary artery disease in men eighteen to thirty-nine years of age, 334
- , —, —, —, —, AND —. Coronary artery disease in men eighteen to thirty-nine years of age (Cont'd), 481
- , —, —, —, —, AND —. Coronary artery disease in men eighteen to thirty-nine years of age (Concl'd), 683
- Z
- ZEMAN, FREDERIC D., AND SCHENCK, MAX. The clinical diagnosis of arteriosclerosis with particular reference to the use of the roentgen ray (Proc.), 480
- ZILLIACUS, H. (*See* Maeck and Ziliacus), 790*
- ZOHMAN, B. L. (*See* Russek and Zohman), 459*
- ZOLL, P. M. (*See* Blumgart, Freedberg, Zoll, Lewis, and Wessler), 13

SUBJECT INDEX*

A

- Abdominal symptoms in sudden acute heart conditions, 306*
- Abscess, cerebral; complication of congenital cardiac disease (Fallot's tetralogy), 301*
- Acetylcholine, effect of calcium on cardiovascular stimulation produced by, 793*, 953*
- use of, in objective determination of circulation time and fractionation of vascular bed traversed, 153*
- Adrenalin-induced hyperglycemia, effect of anoxia on, 150*
- Alcoholism, chronic, relationship of, to atherosclerosis, 315*
- Alloxan diabetes in rabbit, inhibition of experimental cholesterol atherosclerosis by (Duff and McMillan) (Proc.), 469
- Allylamine, reactions of coronary arteries of dog following injury by (Waters and McAllister) (Proc.), 475
- American Heart Association, Inc., 158, 318, 463, 638, 796, 957
- governing bodies of, 318
- recommendations of Research Policy Committee, 463
- Society for the Study of Arteriosclerosis, proceedings of, 469
- program of annual meeting of, 466
- Amines, sympathomimetic, orally active, some new, vasopressor activity of, 943*
- Aminophylline, intravenous, effect of, on capacity for effort without pain in patients with angina of effort (Bakst et al.), 527
- Analgesic drugs, effects of, upon excised frog and terrapin cardiac vagus nerve, 950*
- Anastomoses, arteriovenous, in liver, spleen, and lungs, 784*
- Anatomical axis, longitudinal, of ventricles, can it be estimated from electrocardiogram? (Hyman et al.), 906
- Anemia, chronic, clinical significance of cardiac and respiratory adjustments in, 795*
- Anesthesia in surgery of patent ductus arteriosus, 316*
- spinal and caudal, in hypertension, circulatory responses to: relation to effect of sympathectomy. I. Effect on arterial pressure (Taylor et al.), 221
- II. Effect on renal function (Corcoran et al.), 226
- Aneurysm, arteriovenous, pulmonary, 301*
- congenital, of aortic sinus, 305*
- dissecting, healed, of aorta with signs of aortic insufficiency, 452*
- of coronary arteries (Scott), 403

- Aneurysms and arteriovenous fistulas, use of anticoagulants in surgery of, with particular reference to Dicumarol, 301*
- dissecting, of aorta (Schlichter et al.) (Proc.), 479
- syphilitic, Cellophane treatment of, with report of results in six cases (Poppe), 252
- true, of mitral valve in subacute bacterial endocarditis, 304*
- Angina of effort, effect of intravenous aminophylline on capacity for effort without pain in patients with (Bakst et al.), 527
- pectoris, experience with "anoxemia test" in patients with, and in those with atypical chest pain (Stewart et al.), 161
- myocardial infarction and, during serum sickness, 151*
- S-T changes, and subendocardic infarctions, contribution to study of, 636*
- treatment of, by reduction of basal metabolism, 791*
- vitamin E in, 788*
- Anginal pain, coronary occlusion with myocardial infarction following cholecystectomy for relief of, in patients with cholelithiasis (Roth), 939
- Angospasm, cerebral, (vascular encephalopathy), papaverine in, 459*
- "Anoxemia test," experience with, in patients with angina pectoris and in those with atypical chest pain (Stewart et al.), 161
- transitory apnea in man induced by breathing mixture rich in oxygen during state of, 949*
- Anoxia, acute, induced, influence of short periods of, upon pulmonary artery pressure in man, 152*
- and cytochrome C, oxygen content of coronary venous blood as affected by (Eckenhoff and Haskenschiel), 893
- anoxicemic, effects of, on excitability, conduction, and refractoriness, of mammalian cardiac muscle, 152*
- effect of, on adrenalin-induced hyperglycemia, 150*
- effects of, on retinal vessels and retinal arterial pressure, 313*
- on cause of cardiac acceleration during, 946*
- Anthiomaline treatment of schistosomiasis, electrocardiographic changes during (Suárez et al.), 923
- Anticoagulants in treatment of coronary thrombosis with myocardial infarction, report of committee for evaluation of (Wright et al.), 801

An asterisk () after a page number indicates the reference is an abstract and not an original article.

- Anticoagulants—Cont'd
use of, in surgery of aneurysms and arterio-venous fistulas, with particular reference to Dicumarol, 301*
- Aorta, abdominal, ligation and division of, for metallic embolus from heart, 950* dissecting aneurysms of (Schlichter et al.) (Proc.), 479 effect of blood cholesterol disorders on coronary arteries and (Morrison and Gonzales) (Proc.), 473 embolism at bifurcation of (Morest and Rubin), 277 high ventricular septal defect with slight dextroposition of, (Eisenmenger type), which presented clinical features of patent ductus arteriosus (Hurst and Schemm), 144
- Aortic bifurcation, syndrome of thrombotic obliteration of, 951* insufficiency, healed dissecting aneurysm of aorta with signs of, 452* sinus, congenital aneurysm of, 305*
- Aortography, thoracic, 948*
- Apnea, transitory, in man induced by breathing mixture rich in oxygen during state of anoxemia, 949*
- Arterial blood, rate of disappearance of dye T-1824 from, 633* disease, obliterating, exercise test in, 151* of upper extremity following severe urticaria, 151* sympathectomy for; indications and contraindications, 635* studies on relationship of diet and renal insufficiency to (Holman) (Proc.), 476 hypertension, cerebral vascular changes in, (Scheinker) (Proc.), 470 obstruction, pulmonary, acute, experimental study of, with special reference to precordial electrocardiogram (Flasher et al.), 882 occlusion, mesenteric, superior,—recovery without resection, 787* oxygen saturation at rest and during exercise in congenital heart disease, continuous observations of (Montgomery, Jr., et al.), 668 pressure, effect on (I); circulatory responses to spinal and caudal anesthesia in hypertension: relation to effect of sympathectomy (Taylor et al.), 221
- Arteries, coronary, aneurysm of (Scott), 403 nonatheromatous lesions of, 303* of dog, reactions of, following injury by allylamine (Waters and McAllister) (Proc.), 475
- Arteriography of limbs, 154*
- Arteriosclerosis, clinical diagnosis of (Davis) (Proc.), 473 with particular reference to use of roentgen ray (Zeman and Schenck) (Proc.), 480 evaluation of thyroid function in older individuals with various degrees of (Kountz et al.), 475 further studies on production of, in dogs by cholesterol and thiouracil feeding (Steiner et al.) (Proc.), 477
- Arteriosclerosis—Cont'd new experiments in (Altschul) (Proc.), 480 obliterans rationale, sympathectomy for, and results (Blain, III, et al.) (Proc.), 477 peripheral, lumbar ganglionectomy in (Gerber et al.) (Proc.), 478 spontaneously occurring, of chicken, effect of low-fat diet on (Horlick et al.) (Proc.), 472
- Arteriovenous aneurysm, pulmonary, 301* fistula, common carotid-internal jugular, cerebral hemorrhage following repair of, 789*
- Artery disease, coronary, in men eighteen to thirty-nine years of age (Yater et al.), 334, 481, 683 pressure, pulmonary, influence of short periods of induced acute anoxia upon, in man, 152*
- Ascites, failure of peritoneal-button operation for, report of two cases, 313*
- Atheromatous plaques, development of, following production of intimal atherosclerosis by intravenous injection of colloidal cholesterol into rabbits (Bevins et al.) (Proc.), 473
- Atherosclerosis, aortic, absorption of, by choline feeding (Morrison and Rossi) (Proc.), 479 cholesterol, experimental, inhibition of, by alloxan diabetes in rabbit (Duff and McMillan) (Proc.), 469 experimental, prevention of, by choline feedings (Morrison and Rossi) (Proc.), 479 intimal, development of atheromatous plaques following production of, by intravenous injections of colloidal cholesterol into rabbits (Bevans et al.) (Proc.), 473 relationship of chronic alcoholism to, 315*
- Atresia, tricuspid, congenital, associated with interauricular septal defects (Miale et al.), 438
- Atrial infarction with diagnostic electrocardiographic findings (Hellerstein), 422 septal defect, differentiation of patent ductus arteriosus and, 634*
- Atrioventricular block complete, in diphtheritic myocarditis, 786*
- canal, incomplete division of, with patent interatrial foramen primum (persistent common atrioventricular ostium) (Rogers and Edwards), 28 excitation, anomalous, intermittent, (Wolff-Parkinson-White syndrome) septal infarction with complete heart block and: histologic demonstration of right lateral bundle (Levine and Burge, Jr.), 431
- Auricle, kymographic studies of function of, 949*
- Auricular fibrillation, chronic, 314* pre-excitation and, 461* flutter and auricular fibrillation, experimental studies on (Scherf et al.), 241 clinical, proof of its occurrence; discussion of circus movement, 635*

Auriculoventricular heart block, mechanism of irregular sinus rhythm in (Roth and Kisch), 257
 A-V block, partial, and duodenal ulcer, 948*
 Axis, anatomical, longitudinal, of ventricles, can it be estimated from electrocardiogram? (Hyman et al.), 906
 deviation, effect of posture upon, in human bundle branch block (Jones and Feil), 739
 in human bundle branch block (Jones and Feil), 98

B

Bacteremia following dental extraction, effect of penicillin on, 302*
 Bacterial endocarditis (Cecil et al.), 934
 subacute, hyperthermia caused by penicillin-heparin in treatment of, 790*
 penicillin therapy in, 303*
 treatment of, 453*
 true aneurysms of mitral valve in, 304*
 Barbitalized dogs, mixing of cells, plasma, and dye T-1824 in cardiovascular system of, 633*
 Basal metabolism, treatment of angina pectoris by reduction of, 791*
 Bifurcation of aorta, embolism at (Morest and Rubin), 277
 Bile, excretion of blue dye, T-1824, in, 632*
 Biochemical and hemodynamic changes following subcutaneous injection of glucose solution, 308*
 Blalock-Taussig operation, analysis of malformations of heart amenable to (Taussig), 321
 Blood cholesterol level, relationship between dietary composition and (Wilkinson, Jr., et al.) (Proc.), 472
 composition of, influence of environmental temperature and posture on volume and, 153*
 constituents, certain, influence of thyroid status on electrocardiogram and, of sheep, 785*
 flow, coronary, and cardiac oxygen metabolism, effect of nikethamide on, 156* through vessels in vein walls, effects of venous endothelium on alterations in, and possible relation to thrombosis, 462*
 plasma, correlation between effect of quindine sulfate on heart and its concentration in, 793*
 platelets, observations on part played by vasoconstrictor substance of, in mechanism of vascular spasm, 307*
 pressure, basal, effect of thiocyanate on, 791* effect of tetraethylammonium chloride on, before and after sympathectomy for hypertension, 793*
 leucocyte concentration, smooth and cardiac muscle activity: physiological effects of plasma protein, 152* recording of, from left auricle and pulmonary veins in human subjects with interauricular septal defects, 151*

Blood Pressure—Cont'd
 systemic, as factor in absorption of saline from small intestine, 152*
 studies on cholesterol content of coronary arteries and, in acute coronary thrombosis (Morrison et al.) (Proc.), 474
 volume and right atrial pressure, effect of increasing, on circulation of normal subjects by intravenous infusions, 455*
 circulatory corpuscle and, in case of patent ductus arteriosus before and after ligation, 150*
 studies of, in tetralogy of Fallot and in other types of congenital heart disease, 308*
 Blue dye, T-1824, excretion of, in bile, 632*
 Bradycardia, extreme (Doane and Krasnoff), 777
 Bronchiogenic carcinoma, undiagnosed, case report of mechanical right heart failure from extension of, 312*
 Bundle branch block, human, effect of posture upon axis deviation in (Jones and Feil), 739
 on axis deviation in (Jones and Feil), 98
 right, in human heart, new contributions to study of intracavity potential in cases of (Sodi-Pallares et al.), 1
 lateral, right, histologic demonstration of: septal infarction with complete heart block and intermittent anomalous atrioventricular excitation (Wolff-Parkinson-White syndrome) (Levine and Burge, Jr.), 431

C

Calcification of myocardium, 302*
 Calcifications, cardiac annular and valvular (leaflet), 794*
 roentgen demonstration of, in interventricular septum in cases of heart block, 309*
 Calcium, effect of, on cardiovascular stimulation produced by acetylcholine, 793*, 953*
 Canal, atrioventricular, incomplete division of, with patent interatrial foramen primum (persistent common atrioventricular ostium) (Rogers and Edwards), 28
 Capillaries, cerebral, alterations of, in early stage of arterial hypertension, 784*
 Carcinoma, bronchiogenic, undiagnosed, case report of mechanical right heart failure from extension of, 310*
 Cardiac acceleration during anoxia, on cause of, 946*
 and respiratory adjustments in chronic anemia, clinical significance of, 795*
 apex formed by right or left ventricular myocardium, identical electrocardiograms with, 949*
 disease, congenital, (Fallot's tetralogy), complication of; cerebral abscess, 301*
 dynamics, endo-sinus hypotension and, in sympathectomized and in completely denervated heart of dogs (III); heart and carotid sinus, 946*

- Cardiac—Cont'd**
- lesions of acute disseminated lupus erythematosus, 786*
 - output and oxygen consumption in dogs, endocrine influences on, 633*
 - of dog, effects of muscle trauma and of hemorrhage upon, 632*
 - role of carotid sinus and cardio-aortic region in reflex regulation of, 949*
 - resuscitation, 947*
- Cardio-aortic region, role of carotid sinus and, in reflex regulation of cardiac output, 949***
- Cardiotoxic lesions of digitalis in dog, further studies on effect of papaverine upon (Kysler and Trump), 133**
- Cardiovascular disorder with peripheral neuritis, six cases of, 310***
- reflex, carotid sinus, decussation of pathways in: example of principle of convergence, 460*
 - mechanism, carotid sinus, analysis of, 461*
 - system as effector organ in psychosomatic phenomena, 943*
 - of barbitalized dogs, mixing of cells, plasma, and dye T-1824 in, 633*
- Carditis, allergic, pericarditis, and pleurisy, 456***
- Caronamide: plasma concentrations, urinary recoveries, and dosage, 955***
- Carotid sinus and cardio-aortic region, role of, in reflex regulation of cardiac output, 949***
- cardiovascular reflex, decussation of pathways in: example of principle of convergence, 460*
 - mechanism, analysis of, 461*
 - heart and; II and III, 946*
 - stimulation, hemiplegia following (Bran-non), 299
- Caudal anesthesia, spinal and, in hypertension, circulatory responses to: relation to effect of sympathectomy; I. Effect on arterial pressure (Taylor et al.), 221**
- II. Effect on renal function (Corcoran et al.), 226**
- Cellophane treatment of syphilitic aneurysms with report of results in six cases (Poppe), 252**
- Cerebral abscess; complication of congenital cardiac disease (Fallot's tetralogy), 301***
- capillaries, alterations of, in early stage of arterial hypertension, 784***
- hemorrhage following repair of common carotid-internal jugular arteriovenous fistula, 789***
- swelling, hypertensive, characteristic clinico-pathologic syndrome, 457***
- vascular changes in arterial hypertension (Scheinker) (Proc.), 470**
- Chest leads, multiple, in myocardial infarction, diagnostic value of pattern T_1 lower than T_2 ($T_1 < T_2$) compared with information yielded by (Dressler and Roesler), 115**
- Chest—Cont'd**
- pain, atypical, experience with "anoxemia test" in patients with angina pectoris and in those with (Stewart et al.), 161
- Childhood, first ten years of rheumatic infection in (Ash), 89**
- Cholecystectomy for relief of anginal pain in patient with cholelithiasis, coronary occlusion with myocardial infarction following (Roth), 939**
- Cholelithiasis, coronary occlusion with myocardial infarction following cholecystectomy for relief of anginal pain in patient with (Roth), 939**
- Cholesterol and thiouracil feeding, further studies on production of arteriosclerosis in dogs by (Steiner et al.) (Proc.), 477**
- atherosclerosis, experimental, inhibition of, by alloxan diabetes in rabbit (Duff and McMillan) (Proc.), 469
 - blood, clinical significance of (Ungerleider and Gubner) (Proc.), 474
 - disorders, effect of, on coronary arteries and aorta (Morrison and Gonzales) (Proc.), 473
 - levels, changes in, in patients with coronary occlusion following choline therapy (Morrison et al.) (Proc.), 474
- colloidal, development of atheromatous plaques following production of intimal atherosclerosis by intravenous infusions of, into rabbits (Bevans et al.) (Proc.), 473**
- content of coronary arteries and blood in acute coronary thrombosis, study on (Morrison et al.) (Proc.), 474**
- level, blood, relationship between dietary composition and (Wilkinson, Jr., et al.) (Proc.), 472**
- some aspects of intermediary metabolism of (Bloch) (Proc.), 471**
- Choline feeding, absorption of aortic atherosclerosis by (Morrison and Rossi) (Proc.), 479**
- feedings, prevention of experimental atherosclerosis by (Morrison and Rossi) (Proc.), 479**
- therapy, changes in blood cholesterol levels in patients with coronary occlusion following (Morrison et al.) (Proc.), 474**
- Chorea, Sydenham's syndrome for differential diagnosis, 154***
- Circulation, collateral, of normal human heart by coronary perfusion with radioactive erythrocytes and glass spheres, studies on, 790***
- new method for study of: radiocardiography (Prinzmetal et al.) (Proc.), 476**
- some effects of quinidine sulfate on heart and, in man (Ferrer et al.), 816**
- time and fractionation of vascular bed traversed, use of acetylcholine in objective determination of, 153***

- Circulatory changes, renal and cardiac, influence of sulphydryl compounds on diuresis and, caused by mersalyl, 452*
- Investigations resulting from drugs which paralyze sympathetic system. I. Ergotamine (Gynergen), 787*
- Responses to spinal and caudal anesthesia in hypertension: relation to effect of sympathectomy. I. Effect on arterial pressure (Taylor et al.), 221
- II. Effect on renal function (Corcoran et al.), 226
- Circus movement, discussion of; proof of its occurrence in clinical auricular flutter, 635*
- Conduction defects, intraventricular, 944* intraventricular, supernormal phase of (Scherf and Scharf), 621
- Convergence, example of principle of: decussation of pathways in carotid sinus cardiovascular reflex, 460*
- Convulsions, electrically induced, mechanisms underlying pulmonary and cardiac complications of, 788*
- Coronary arteries and aorta, effect of blood cholesterol disorders on (Morrison and Gonzales) (Proc.), 473
- and blood, studies on cholesterol content of, in acute coronary thrombosis (Morrison et al.) (Proc.), 474
- aneurysm of (Scott), 403
- nonatheromatous lesions of: progress of medical science, 303*
- of dog, reactions of, following injury by allylamine (Waters and McAllister) (Proc.), 475
- in men eighteen to thirty-nine years of age (Yater et al.), 334, 481, 683
- insufficiency, apparent, ergotamine and, 629*
- stress and electrocardiogram in induced hypoxemia test for (Burchell et al.), 373
- occlusion, acute, experimental, effect of Dicumarol on heart in (Blumgart et al.), 13
- following choline therapy, changes in blood cholesterol levels in patients with (Morrison et al.) (Proc.), 474
- study of alleged intercoronary reflexes following (Opdyke and Selkurt), 73
- with myocardial infarction following cholecystectomy for relief of anginal pain in patient with cholelithiasis (Roth), 939
- thrombosis, hypertension and (Paterson and Holmes) (Proc.), 470
- with myocardial infarction, report of committee for evaluation of anticoagulants in treatment of (Wright, et al.), 801
- venous blood, oxygen content of, as affected by anoxia and cytochrome C (Eckenhoff and Hafkenschiel), 893
- Corpuscle, circulatory, and blood volume in case of patent ductus arteriosus before and after ligation, 150*
- Cyclopropane-epinephrine tachycardia, further studies on production of, 311*
- Cytochrome C, effect of, upon metabolism of rat tissue, 155*
- oxygen content of coronary venous blood as affected by anoxia and (Eckenhoff and Hafkenschiel), 893
- D
- Dental extraction, effect of penicillin on bacteremia following, 302*
- Dextrocardia and septal defects, 949*
- with situs inversus, interpretation of electrocardiogram in (Shepard and Stewart), 55
- Dextrocardiogram, levo- and, determination of (Segers), 751
- Diabetes, alloxan, inhibition of experimental cholesterol atherosclerosis by, in rabbit (Duff and McMillan) (Proc.), 469
- Dicumarol, effect of, on heart in experimental acute coronary occlusion (Blumgart et al.), 13
- poisoning, 454*
- therapy in seventy-five consecutive cases, detailed study of: acute myocardial infarction (Greisman and Marcus), 600
- use of anticoagulants in surgery of aneurysms and arteriovenous fistulas, with particular reference to, 301*
- Diet and renal insufficiency, studies on relationship of, to arterial disease (Holman) (Proc.), 476
- Dietary composition and blood cholesterol level, relationship between (Wilkinson, Jr., et al.) (Proc.), 472
- Digitaline nativelle, digitoxin, amount of, required for adequate digitalization (Stewart and Newman), 641
- Digitalis action, on mechanism of, 950*
- further studies on effect of papaverine upon cardiotoxic lesions of, in dog (Kyser and Trump), 133
- glycosides, further experiments in attempt to locate site of emetic action of, 156*
- influence of muscular exercise on tolerance of, in guinea pigs, 948*
- on behavior of serum cholinesterase in cardiac patients treated with, 309*
- toxicity, hitherto undescribed neurological manifestations of (Batterman and Gutner), 582
- Digitoxin (Digitaline nativelle), amount of, required for adequate digitalization (Stewart and Newman), 641
- Diphtheria, fatal, myocardial changes in, 953*
- Diphtheritic myocarditis, complete atrioventricular block in, 786*
- Diuresis and renal and cardiac circulatory changes caused by mersalyl, influence of sulphydryl compounds on, 452*, 950*
- Diuretic action of formoguanamine in normal persons, 792*, 952*

E

- Edema, uremic, of lungs, 310*
- Electric shock, ventricular fibrillation of long duration abolished by, 156*
- Electrical effects of injury at various myocardial locations (Hellerstein and Katz), 184
- manometer, portable, suitable for continuous indication of peripheral venous pressures (Pollack and Wood), 899
- Electrically induced convulsions, mechanisms underlying cardiac complications of, 788*
- Electrocardiogram and certain blood constituents of sheep, influence of thyroid status on, 785*
- can longitudinal anatomical axis of ventricles be estimated from? (Hyman et al.), 906
- evaluation of precordial leads of, in obesity (Jaffe et al.), 911
- in mitral stenosis with special regard to its development, 461*
- interpretation of, in dextrocardia with situs inversus (Shepard and Stewart), 55
- of dog, effect of intravenous procaine on (Uhley and Wilburne), 576
- precordial, experimental study of acute pulmonary arterial obstruction with special reference to (Flasher et al.), 882
- stress and, in induced hypoxemia test for coronary insufficiency (Burchell et al.), 373
- Electrocardiograms, identical, with cardiac apex formed by right or left ventricular myocardium, 949*
- precordial, false abnormality of, due to effect of changes of potential at remote electrode (Hull et al.), 135
- Electrocardiographic and clinical studies on certain types of myocardial infarction: supra-apical, endocardial, epicardial, lateral, and anterolateral infarction, 629*
- and pathologic findings in anteroseptal infarction, correlation of (I) (Myers et al.), 535
- (II) (Myers et al.), 838
- changes during antimonials treatment of schistosomiasis (Suárez et al.), 923
- in typhoid fever and their reversibility following niacin treatment (Rachmilewitz and Braun), 284
- findings, diagnostic, atrial infarction with (Hellerstein), 422
- Electroconvulsive treatment, transient hemiplegia following, 952*
- Electrode, remote, false abnormality of precordial electrocardiograms due to effect of changes of potential at (Hull et al.), 135
- Electronic stethoscope, multiple channel, for teaching and demonstration (Butterworth and Poindexter), 112

- Electrovectography, two- and three-dimensional, in man, 150*
- Embolism at bifurcation of aorta (Morest and Rubin), 277
- paradoxical, case of (Ross and Sprague), 772
- pulmonary, 789*
- Embolus, metallic, from heart, ligation and division of abdominal aorta for, 950*
- Emetic action of digitalis glycosides, further experiments in attempt to locate site of, 156*
- Emphysema, mediastinal, spontaneous, recurrent, simulating myocardial infarction (Pellegrino and Silber), 447
- Encephalitis, epidemic, diffuse interstitial myocarditis in case of, 458*
- Endocarditis, bacterial (Cecil et al.), 934
- subacute, true aneurysms of mitral valve in, 304*
- Endocrine influences on cardiac output and oxygen consumption in dogs, 633*
- Endothelium, venous, effects of, on alterations in blood flow through vessels in vein walls, and possible relation to thrombosis, 462*
- Ergotamine and apparent coronary insufficiency, 629*
- (Gynergen) (I); circulatory investigations resulting from drugs which paralyze sympathetic system, 787*
- Erythrocytes, radioactive, and glass spheres, studies on collateral circulation of normal human heart by coronary perfusion with, 790*
- Ether, pulmonary and cerebral fat embolism following intravenous administration of, therapeutically, 458*
- Evans blue, combination of, with plasma protein: its significance in capillary permeability studies, blood dye disappearance curves, and its use as protein tag, 632*
- Excitation, atrioventricular, anomalous, intermittent, (Wolff-Parkinson-White syndrome), septal infarction with complete heart block and: histologic demonstration of right lateral bundle (Levine and Burge, Jr.), 431
- Extrasystoles, auricular and ventricular, first heart sound in, 630*
- Extremities, lower, in infants, gangrene of (Richter and Tainsky), 443
- of normal individuals, maintenance of vasodilation of, for prolonged period by ingestion of two to four substantial meals in close succession, 785*
- F
- Faintness and syncope in semi-starved individual, problem of, cardiovascular response to posture and, 785*
- Fat-depositing mechanism, further studies on (Sims et al.) (Proc.), 469

Fat embolism, pulmonary and cerebral, following intravenous administration of ether therapeutically, 458*

low, diet, effect of, on spontaneously occurring arteriosclerosis of chicken (Horlick et al.) (Proc.), 472

Fibrillation, auricular, chronic, 314*

experimental studies on auricular flutter and (Scherf et al.), 241

pre-excitation and, 461*

Fistulas, arteriovenous, aneurysms and, use of anticoagulants in surgery of, with particular reference to Dicumarol, 301*

Fluid volumes, available and interstitial, of normal children, 634*

Flutter, auricular, and auricular fibrillation, experimental studies on (Scherf et al.), 241

Foramen primum, interatrial, patent, (persistent common atrioventricular ostium) incomplete division of atrioventricular canal with (Rogers and Edwards), 28

Formoguanamine, diuretic action of, in normal persons, 792*, 952*

Fractionation, circulation time and, of vascular bed traversed, use of acetylcholine in objective determination of, 153*

G

Gangrene of lower extremities in infants (Richter and Tainsky), 443

Glass spheres, studies on collateral circulation of normal human heart by coronary perfusion with radioactive erythrocytes and, 790*

Glomerulonephritis, acute and subacute, myocarditis associated with (Gore and Saphir), 390

Glomerulosclerosis, intercapillary, glomerular lipoidosis in (Wilens et al.) (Proc.), 478

Glucose solution, biochemical and hemodynamic changes following subcutaneous injection of, 308*

Glycosides, cardiac, certain, effect of, on serum cholinesterase, 945*

determination of therapeutic irregularity and lethal doses of, in heart-lung preparation of dog, 452*, 950*

H

Heart, analysis of malformations of, amenable to Blalock-Taussig operation (Taussig), 321

and carotid sinus; II and III, 946*

and circulation, some effects of quinidine sulfate on, in man (Ferrer et al.), 816

and pericardium, further observations of penetrating wounds of, 311*

block, auriculoventricular, mechanism of irregular sinus rhythm in (Roth and Kisch), 257

complete and intermittent anomalous atrioventricular excitation (Wolff-Parkinson-White syndrome), septal

Heart block—Cont'd

infarction with: histologic demonstration of right lateral bundle (Levine and Burge, Jr.), 431

roentgen demonstration of calcifications in interventricular septum in cases of, 309*

completely denervated, of dogs, endo-sinus hypotension and cardiac dynamics in sympathectomized, and in (III); heart and carotid sinus, 946*

conditions, acute, sudden, abdominal symptoms in, 306*

disease, congenital, continuous observations of arterial oxygen saturation at rest and during exercise in (Montgomery, Jr., et al.), 668

clinical study on relative incidence of, 150*

studies of blood volume in tetralogy of Fallot and in other types of, 308*

incidence of, in 2,000 consecutive autopsies, 317*

effect of Dicumarol on, in experimental acute coronary occlusion (Blumgart et al.), 13

failure, case of reversible papilloedema due to, 454*

hypertensive, tetraethyl ammonium bromide in hypertension and, 453*

postpartal, acute, 312*

right, mechanical, from extension of undiagnosed bronchiogenic carcinoma, case report of, 312*

human, new contributions to study of intracavity potential in cases of right bundle branch block in (Sodi-Pallares et al.), 1

ligation and division of abdominal aorta for metallic embolus from, 950*

muscle, electrical characteristics of injuries to, 153*

neoplastic metastasis to (Lefkovits), 610

occult injuries to, 316*

removal of foreign bodies from pericardium and; moving picture demonstration, 947*

sound, first, in auricular and ventricular extrasystoles, 630*

spontaneous rupture of papillary muscle of, 955*

studies of venous drainage of, 631*

Heart-lung preparation of dog, determination of therapeutic irregularity and lethal doses of cardiac glycosides in, 452*, 950*

Hemangioma, cavernous, of lung, 956*

Hemiplegia following carotid sinus stimulation (Brannon), 299

transient, following electroconvulsive treatment, 952*

Hemodynamic changes, biochemical and, following subcutaneous injection of glucose solution, 308*

Hemorrhage, effects of muscle trauma and of, upon cardiac output of dog, 632*

Herapin, action of, on experimental venous thrombosis, 312*

in treatment of toxemia of pregnancy, 790*

Hepatic vein catheterization flow in pregnancy, 155*

Hyperglycemia, adrenalin induced, effect of anoxia on, 150*

Hypertension and allied cases, sympathetic nerve block in, 306*

and coronary thrombosis (Paterson and Holmes) (Proc.), 470

and hypertensive heart failure, tetraethyl ammonium bromide in, 453*

and unilateral kidney disease, 306*

and urologic disease, 943*

arterial alterations of cerebral capillaries in early stage of, 784*

cerebral vascular changes in (Scheinker) (Proc.), 470

circulatory responses to spinal and caudal anesthesia in: relation to effect of sympathectomy. I. Effect on arterial pressure (Taylor et al.), 221

II. Effect on renal function (Corcoran et al.), 226

effect of tetraethylammonium chloride on blood pressure before and after sympathectomy for, 793*

essential, clinical evaluation of veratrum viride in treatment of (Freis and Stanton), 723

sympathectomy in, 946*

treatment of, with vitamin K, 945*

experimental, effect of pregnancy on course of, 634*

fifty-four deaths occurring in pregnant patients who had, 795*

heredity in, 459*

hormonal, and nephrosclerosis as influenced by diet, 956*

paroxysmal, due to chromaffin adrenal tumor, electrocardiographic changes in, 150*

Hyperthermia caused by penicillin-heparin in treatment of subacute bacterial endocarditis, 790*

Hypotension, endo-sinus, and right ventricular pressure (II); heart and carotid sinus, 946*

Hypoxemia test, induced, for coronary insufficiency, stress and electrocardiogram in (Burchell et al.), 373

I

Iliofemoral thrombophlebitis, nontraumatic, bilateral, in child (Myers and Artsis), 295

Infancy, cardiac murmurs in, 787*

Infant, newborn, myocardial infarction in, 154*

Infants, gangrene of lower extremities in (Richter and Tainsky), 443

Infarction, anteroseptal, correlation of electrocardiographic and pathologic findings in (I) (Myers et al.), 535

atrial, with diagnostic electrocardiographic findings (Hellerstein), 422

myocardial, acute: detailed study of Di-cumarol therapy in seventy-five consecutive cases (Greisman and Marcus), 600

Infarction, myocardial—Cont'd and angina pectoris during serum sickness, 151*

diagnostic value of pattern T_1 lower than T_3 ($T_1 < T_3$) compared with information yielded by multiple chest leads in (Dressler and Roesler), 115

recurrent spontaneous mediastinal emphysema simulating (Pellegrino and Silber), 447

septal, with complete heart block and intermittent anomalous atrioventricular excitation (Wolff-Parkinson-White syndrome): histologic demonstration of right lateral bundle (Levine and Burge, Jr.), 431

Infarcts, anterolateral, large, correlation of electrocardiographic and pathologic findings in (II) (Myers et al.), 838

Infection, rheumatic, in childhood, first ten years of (Ash), 89

Insufficiency, coronary, stress and electrocardiogram in induced hypoxemia test for (Burchell et al.), 373

Interatrial foramen primum, patent (persistent common atrioventricular ostium), incomplete division of atrioventricular canal with (Rogers and Edwards), 28

Interauricular and interventricular septal defects, congenital tricuspid atresia associated with, (Miale et al.), 438

septal defects, recording of blood pressure from left auricle and pulmonary veins in human subjects with, 151*

Intercoronal reflexes, alleged, following coronary occlusion, study of (Opdyke and Selkurt), 73

Interventricular septal defects, interauricular and, congenital tricuspid atresia associated with (Miale et al.), 438

septum, in cases of heart block, roentgen demonstration of calcifications in, 309*

Intracavity potential, new contributions to study of, in cases of right bundle branch block in human heart (Sodi-Pallares et al.), 1

Intravenous infusions, effect of increasing blood volume and right atrial pressure on the circulation of normal subjects by, 455*

Intraventricular conduction, supernormal phase of (Scherf and Scharf), 621

K

Kidney disease, unilateral, hypertension and, 306*

K-strophanthin, significance of speed of injection for therapeutic effect of, 944*

Kymographic studies of function of auricle, 949*

L

Leads, precordial, of electrocardiogram in obesity, evaluation of (Jaffe et al.), 911

Leucocyte concentration, blood pressure, and smooth and cardiac muscle activity: physiological effects of plasma protein, 152*

Levo- and dextrocardiogram, determination of (Segers), 751

Limbs, arteriography of, 154*

Lipoidosis, glomerular, in intercapillary glomerulosclerosis (Wilens et al.) (Proc.), 478

Liver blood flow in pregnancy—hepatic vein catheterization, 155*

spleen, and lungs, arteriovenous anastomoses in, 784*

Longitudinal anatomical axis of ventricles, can it be estimated from electrocardiogram? (Hyman et al.), 906

Lumbar ganglionectomy in peripheral arteriosclerosis (Gerber et al.) (Proc.), 478

Lung, cavernous hemangioma of, 956*

Lungs, arteriovenous anastomoses in liver, spleen, and, 784*

uremic edema of, 310*

Lupus erythematosus and allied conditions, pathogenesis of, 785*

disseminated, acute, cardiac lesions of, 786*

M

Malaria tertiana, myocardial affection in, 154*

Manometer, electrical, portable, suitable for continuous indication of peripheral venous pressures (Pollack and Wood), 899

Men eighteen to thirty-nine years of age, coronary artery disease in (Yater et al.), 334, 481, 683

Mersalyl, influence of sulphydryl compounds on diuresis and renal and cardiac circulatory changes caused by, 452*, 950*

Metabolism, intermediary, of cholesterol, some aspects of (Bloch) (Proc.), 471

of rat tissue, effect of cytochrome C upon, 155*

oxygen, cardiac, effect of nikethamide on coronary blood flow and, 156*

Metastasis, neoplastic, to heart (Lefkovits), 610

Mitral stenosis, electrocardiogram in, with special regard to its development, 461*

valve, true aneurysms of, in subacute bacterial endocarditis, 304*

Murmurs, cardiac, in infancy, 787*

Muscle activity, smooth and cardiac, blood pressure, leucocyte concentration, and: physiological effects of plasma protein, 152*

auricular, of turtle, augmentation of effects of vagal stimulation upon, by veratrine and sulfocyanate, 945*

cardiac, hypersensitivity of, to potassium ion following administration of veratrine and sulfocyanate after complete atropinization, 945*

mammalian, effects of anoxemic anoxia on excitability, conduction, and refractoriness of, 152*

Muscle, heart—Cont'd
heart, electrical characteristic of injuries to, 153*

papillary, of heart, spontaneous rupture of, 955*

trauma, effects of, and of hemorrhage upon cardiac output of dog, 632*

Muscular exercise, influence of, on tolerance of digitalis in guinea pigs, 948*

Myocardial affection in malaria tertiana, 154*

changes in fatal diphtheria, 953*

infarction, acute: detailed study of Dicumarol therapy in seventy-five consecutive cases (Greisman and Marcus), 600

coronary occlusion with, following cholecystectomy for relief of anginal pain in patient with cholelithiasis (Roth), 939

diagnostic value of pattern T_1 lower than T_3 ($T_1 < T_3$) compared with information yielded by multiple chest leads in (Dressler and Roesler), 115

electrocardiographic and clinical studies on certain types of: supra-apical, endocardial, epicardial, lateral, and anterolateral infarction, 629*

in newborn infant, 154*

recurrent spontaneous mediastinal emphysema simulating (Pellegrino and Silber), 447

report of committee for evaluation of anticoagulants in treatment of coronary thrombosis with (Wright et al.), 801

locations, various, electrical effects of injury at (Hellerstein and Katz), 184

Myocarditis associated with acute and subacute glomerulonephritis (Gore and Saphir), 390

diphtheritic, complete atrioventricular block in, 786*

interstitial, diffuse, in case of epidemic encephalitis, 458*

rheumatic, latent, 157*

typhoid, electrocardiographic study of, 944*

virus, 783*

Myocardium after sulfonamide therapy, 304*

calcification of, 302*

ventricular, right or left, identical electrocardiograms with cardiac apex formed by, 949*

N

Nephrosclerosis, hormonal hypertension and, as influenced by diet, 956*

Nerve block, sympathetic, in hypertension and allied cases, 306*

Neuritis, peripheral, six cases of cardiovascular disorder with, 310*

Neurological manifestations, hitherto undescribed, of digitalis toxicity (Batterman and Gutner), 582

Niacin treatment, electrocardiographic changes in typhoid fever and their reversibility following (Rachmilewitz and Braun), 284

Nikethamide, effect of, on coronary blood flow and cardiac oxygen metabolism, 156*

O

- Obesity, evaluation of precordial leads of electrocardiogram in (Jaffe et al.), 911
 Occlusion, arterial, mesenteric, superior,—recovery without resection, 787*
 coronary, acute, experimental, effect of Dicumarol on heart in (Blumgart et al.), 13
 study of alleged intercoronary reflexes following (Opdyke and Selkurt), 73
 Oxygen, arterial, saturation at rest and during exercise in congenital heart disease, continuous observations of (Montgomery, Jr., et al.), 668
 consumption, endocrine influences on cardiac output and, in dogs, 633*
 content of coronary venous blood as affected by anoxia and cytochrome C (Eckenhoff and Hafkenschiel), 893
 transitory apnea in man induced by breathing mixture rich in, during state of anoxemia, 949*

P

- Papaverine, further studies on effect of, upon cardiotoxic lesions of digitalis in dog (Kysar and Trump), 133
 in cerebral angospasm (vascular encephalopathy), 459*
 Papilloedema, reversible, due to heart failure, case of, 454*
 Patent ductus arteriosus and atrial septal defect, differentiation of, 634*
 anesthesia in surgery of, 316*
 before and after ligation, circulatory corpuscle and blood volume in case of, 150*
 cause for re-establishment of communication following ligation of, 451*
 high ventricular septal defect with slight dextroposition of aorta (Eisenmenger type) which presented clinical features of (Hurst and Schemm), 144
 prognosis of, 631*
 Pattern T₁ lower than T₃ (T₁ < T₃), diagnostic value of, compared with information yielded by multiple chest leads in myocardial infarction (Dressler and Roesler), 115
 Penicillin, effect of, on bacteremia following dental extraction, 302*
 oral, in prophylaxis of recurrent rheumatic fever, 157*
 therapy in subacute bacterial endocarditis, 303*
 Penicillin-heparin, hyperthermia caused by, in treatment of subacute bacterial endocarditis, 790*
 Periarthritis nodosa with recovery; report of unusual case apparently due to sensitivity to sulfadiazine, 451*
 Pericarditis, acute, of benign type (Logue and Wendkos), 587
 allergic carditis and pleurisy, 456*

- Pericardium and heart, removal of foreign bodies from: moving picture demonstration, 947*
 heart, and further observations on penetrating wounds of, 311*
 Peripheral arteriosclerosis, lumbar ganglionectomy in (Gerber et al.) (Proc.), 478
 vascular system, use of radioactive sodium as guide to efficiency of drugs used in treatment of diseases of, 302*
 Peritoneal-button operation for ascites, failure of, report of two cases, 313*
 Plasma protein, combination of Evans blue with: its significance in capillary permeability studies, blood dye disappearance curves, and its use as protein tag, 632*
 physiological effects of: blood pressure, leucocyte concentration, smooth and cardiac muscle activity, 152*
 volume, diuretic and circulating, 788*
 Pleurisy, allergic carditis, pericarditis and, 456*
 Postpartal heart failure, acute, 312*
 Posture, cardiovascular response to, and problem of faintness and syncope in semi-starved individual, 785*
 effect of, upon axis deviation in human bundle branch block (Jones and Feil), 739
 influence of environmental temperature and, on volume and composition of blood, 153*
 Potassium ion, hypersensitivity of cardiac muscle to, following administration of veratrine and sulfocyanate after complete atropinization, 945*
 Potential, false abnormality of precordial electrocardiograms due to effect of changes of, at remote electrode (Hull et al.), 135
 intracavity, new contributions to study of, in cases of right bundle branch block in human heart (Sodi-Pallares et al.), 1
 Precordial electrocardiogram, experimental study of acute pulmonary arterial obstruction, with special reference to (Flasher et al.), 882
 electrocardiogram, false abnormality of, due to effect of changes of potential at remote electrode (Hull et al.), 135
 leads of electrocardiogram in obesity, evaluation of (Jaffe et al.), 911
 Pregnancy, acute rheumatism in, 792*
 effect of, on course of experimental hypertension, 634*
 heparin in treatment of toxemia of, 790*
 liver blood flow in—hepatic vein catheterization, 155*
 nine-year follow-up in cases of toxemia of, 790*
 Pregnant patients who had hypertension, fifty-four deaths occurring in, 795*
 Pressure, atrial, right, effect of increasing blood volume and, on circulation of normal subjects by intravenous infusions, 455*

Pressures, intrathoracic, regional, and their bearing on calculation of effective venous pressures, 631*

venous, peripheral, portable electrical manometer suitable for continuous indication of (Pollack and Wood), 899

Procaine, intravenous, effect of, on electrocardiogram of dog (Uhley and Wilburne), 576

Protein, Raynaud's syndrome originating from reversible precipitation of, 153*, 460*

Psychosomatic phenomena, cardiovascular system as effector organ in, 943*

Pulmonary arterial obstruction, acute, experimental study of, with special reference to precordial electrocardiogram (Flasher et al.), 882 embolism, 789*

infarction, thoracic tenderness in, 788* stenosis, congenital, (tetralogy of Fallot), hitherto unrecognized tendency to development of widespread pulmonary vascular obstruction in patients with, 458*

Q

Q-T interval, simple method of determining abnormalities of (Goldberger), 141

Quinidine sulfate, effect of, on heart and its concentration in blood plasma, correlation between, 793*

some effects of, on heart and circulation in man (Ferrer et al.), 816

R

Radioactive sodium, use of, as guide to efficiency of drugs used in treatment of diseases of peripheral vascular system, 302*

Radiocardiography: new method for study of circulation (Prinzmetal et al.) (Proc.), 476

Raynaud's syndrome originating from reversible precipitation of protein, 153*, 460*

Recommendations of Research Policy Committee. I. Training and support of men of outstanding ability, 463

II. General principals regarding grants-in-aid, 464

III. Fluid grants, 464

IV. Composition and duties of Research Allocation Committee, 464

V. Alterations in research allocation policy, 465

Reflexes, intercoronary, alleged, following coronary occlusion, study of (Opdyke and Selkurt), 73

Renal diseases: some facts and problems, 455* function, effect on (II); circulatory responses to spinal and caudal anesthesia in hypertension: relation to effect of sympathectomy (Corcoran et al.), 226

insufficiency, studies on relationship of diet and, to arterial disease (Holman) (Proc.), 476

Respiratory, cardiac and, adjustments in chronic anemia, clinical significance of, 795*

Resuscitation, cardiac, 947*

Retinal vessels and retinal arterial pressure, effects of anoxia on, 313*

Rheumatic fever, recurrent, oral penicillin in prophylaxis of, 157* infection in childhood, first ten years of (Ash), 89

myocarditis, latent, 157*

Rheumatism, acute, in pregnancy, 792*

Rice diet, treatment of hypertensive vascular disease with, 794*

Roentgen ray, clinical diagnosis of arteriosclerosis with particular reference to use of (Zeman and Schenck) (Proc.), 480

S

Saline, systemic blood pressure as factor in absorption of, from small intestine, 152*

Schistosomiasis, electrocardiographic changes during antihiomaline treatment of (Suárez et al.), 923

Septal defect, ventricular, high, with slight dextroposition of aorta (Eisenmenger type) which presented clinical features of patent ductus arteriosus (Hurst and Schemm), 144 defects, dextrocardia and, 949*

Serum cholinesterase, effect of certain cardiac glycosides on, 945*

on behavior of, in cardiac patients treated with digitalis, 309*

sickness, myocardial infarction and angina pectoris during, 151*

Sinus, aortic, congenital aneurysm of, 305* rhythm, irregular, mechanism of, in auriculoventricular heart block (Roth and Kisch), 257 stimulation, carotid, hemiplegia following (Brannon), 299

Situs inversus, interpretation of electrocardiogram in dextrocardia with (Shepard and Stewart), 55

Sodium, radioactive, use of, as guide to efficiency of drugs used in treatment of diseases of peripheral vascular system, 302*

Spasm, vascular, observations on part played by vasoconstrictor substance of blood platelets in mechanism of, 307*

Spinal and caudal anesthesia in hypertension, circulatory responses to: relation to effect of sympathectomy. I. Effect on arterial pressure (Taylor et al.), 221

II. Effect on renal function (Corcoran et al.), 226

Spleen, liver, and lungs, arteriovenous anastomoses in, 784*

- S-T changes, angina pectoris, and subendocardic infarctions, contributions to study of, 636*
- Stethoscope, electronic, multiple channel, for teaching and demonstration (Butterworth and Poindexter), 112
- Stress and electrocardiogram in induced hypoxemia test for coronary insufficiency (Burchell et al.), 373
- Subendocardic infarctions, contribution to study of S-T changes, angina pectoris, and, 636*
- Sulfadiazine, report of unusual case apparently due to sensitivity to; periarteritis nodosa with recovery, 451*
- Sulphydryl compounds, influence of, on diuresis and renal and cardiac circulatory changes caused by mersalyl, 452*, 950*
- Sulfocyanate, augmentation of effects of vagal stimulation upon auricular muscle of turtle by veratrine and, 945*
- hypersensitivity of cardiac muscle to potassium ion following administration of veratrine and, after complete atropinization, 945*
- Sulfonamide therapy, myocardium after, 304*
- Sympathectomy for arteriosclerosis obliterans rationale and results (Blain, III, et al.) (Proc.), 477
- for obliterative arterial disease; indications and contraindications, 635*
- in essential hypertension, 946*
- relation to effect of: circulatory responses to spinal and caudal anesthesia in hypertension. I. Effect on arterial pressure (Taylor et al.), 221
- II. Effect on renal function (Corcoran et al.), 226
- Sympathetic system, circulatory investigations resulting from drugs which paralyze. I. Ergotamine (Gynergen), 787*
- Syncope, problem of faintness and, in semi-starved individual, cardiovascular response to posture and, 785*
- studies of. IV. Biologic interpretation of vasodepressor syncope, 309*
- Syphilitic aneurysms, Cellophane treatment of, with report of results in six cases (Poppe), 252
- T
- T_1 lower than T_3 pattern, ($T_1 < T_3$) diagnostic value of, compared with information yielded by multiple chest leads in myocardial infarction (Dressler and Roesler), 115
- T-1824, dye, mixing of cells, plasma, and, in cardiovascular system of barbiturized dogs, 633*
- rate of disappearance of, from arterial blood, 633*
- excretion of, in bile, 632*
- mixing curve, re-evaluation of, 633*
- Tachycardia, cyclopropane-epinephrine, further studies of production of, 311*
- paroxysmal, repetitive, 629*
- Temperature, environmental, and posture, influence of, on volume and composition of blood, 153*
- Tetraethyl ammonium bromide in hypertension and hypertensive heart failure, 453*
- Tetraethylammonium chloride, 952*
- effect of, on blood pressure before and after sympathectomy for hypertension, 793*
- ($N(C_2H_5)_4NCl$); acute and chronic toxicity in experimental animals, 792*
- Tetralogy of Fallot and its surgical treatment, 459*
- diagnosis of, and medical aspects of surgical treatment, 155*
- studies of blood volume in, and in other types of congenital heart disease, 308*
- Thiocyanate, effect of, on basal blood pressure, 791*
- Thiouracil, cholesterol and, feeding, further studies on production of arteriosclerosis in dogs by (Steiner et al.) (Proc.), 477
- Thoracic tenderness in pulmonary infarction, 788*
- Thromboangiitis obliterans in women, further experience with (Silbert), 757
- Thrombophlebitis, iliofemoral, nontraumatic, bilateral, in child (Myers and Artiss), 295
- Thrombosis, coronary, acute, studies on cholesterol content of coronary arteries and blood in (Morrison et al.) (Proc.), 474
- venous, experimental, action of heparin on, 312*
- Thrombotic obliteration of aortic bifurcation, syndrome of, 951*
- Thyroid function in older individuals with various degrees of arteriosclerosis, evaluation of (Kountz et al.) (Proc.), 475
- status, influence of, on electrocardiogram and certain blood constituents of sheep, 785*
- Toxemia of pregnancy, heparin in treatment of, 790*
- nine-year follow-up in cases of, 790*
- Toxicity, digitalis, hitherto undescribed neurological manifestations of (Batterman and Gutner), 582
- Tumor, adrenal, chromaffin, electrocardiographic changes in paroxysmal hypertension due to, 150*
- Typhoid fever, electrocardiographic changes in, and their reversibility following niacin treatment (Rachmilewitz and Braun), 284
- myocarditis, electrocardiographic study of, 944*
- U
- Ulcer, duodenal, partial A-V block and, 948*
- Urologic disease, hypertension and, 943*
- Urticaria, severe, obliterating arterial disease of upper extremity following, 151*

V

Vagal stimulation, augmentation of effects of, upon auricular muscle of turtle by veratrine and sulfacyanate, 945*
Vagus nerve, cardiac, excised frog and terrapin, effects of analgesic drugs upon, 950* reaction of peripheral vascular system of dog to stimulation of central end of, 946*
Varicose ulcer, treatment of, 954* veins, new test in diagnosis and surgical treatment of, 953*
Vascular changes, cerebral, in arterial hypertension (Scheinker) (Proc.), 470 disease, hypertensive, diagnosis and natural history of, 457* treatment of, with rice diet, 794* obstruction, pulmonary, widespread, hitherto unrecognized tendency to development of, in patients with congenital pulmonary stenosis (tetralogy of Fallot), 458* spasm, observations on part played by vasoconstrictor substance of blood platelets in mechanism of, 307* system, peripheral, of dog, reaction of, to stimulation of central end of vagus nerve, 946*
Vasodilation of extremities of normal individuals for prolonged period by ingestion of two to four substantial meals in close succession, maintenance of, 785*
Vasopressor activity of some new orally active sympathomimetic amines, 943*

Venous blood, coronary, oxygen content of, as affected by anoxia and cytochrome C (Eckenhoff and Hafkenschiel), 893 drainage, of heart, studies of, 631*

Venous—Cont'd pressures, effective, regional intrathoracic pressures and their bearing on calculation of, 631* peripheral, portable electrical manometer suitable for continuous indication of (Pollack and Wood), 899 Ventricles, can longitudinal anatomical axis of, be estimated from electrocardiogram (Hyman et al.), 906 Ventricular fibrillation of long duration abolished by electric shock, 156* septal defect, high, with slight dextroposition of aorta (Eisenmenger type) which presented clinical features of patent ductus arteriosus (Hurst and Schemm), 144 tachycardia, paroxysmal, with special reference to treatment, 636* Veratrine and sulfacyanate, augmentation of effects of vagal stimulation upon auricular muscle of turtle by, 945* hypersensitivity of cardiac muscle to potassium ion following administration of, after complete atropinization, 945* Veratrum viride in treatment of essential hypertension, clinical evaluation of (Freis and Stanton), 723 Virus myocarditis, 783* Vitamin E in angina pectoris, 788* K, treatment of essential hypertension with, 945*

W

Wolff-Parkinson-White syndrome, 308* Women, further experience with thromboangiitis obliterans in (Silbert), 757 Wounds, penetrating, of heart and pericardium, further observation on, 311*